

SECTION 00 90 10

ADDENDUM NO. 2

Project: Gallman Place Renovation
Newberry, SC 29108
23234 – B

Date: 20 July 2026

To: All Bid Document Holders

This Addendum forms a part of the contract documents and modifies the bidding documents with amendments and additions noted below.

Acknowledge receipt of this addendum in the space provided in the bid form. Failure to do so may render the bid unresponsive.

Manufacturers and products indicated as an “approved substitution” shall be accepted as equal for the manufacturers given in the contract documents. It is understood that the products submitted for these manufacturers must still meet the specifications of the project, and can be rejected if after review, are determined to be not equal to the product called out in the contract documents.

GENERAL

- The Fire Hydrant Flow Test Results are attached to this Addendum.
- Question 1 Received: “With the designated 90-day substantial completion and the \$500 per day liquidated damages for this project. I am concern that the 90 days will not be able to meet because of the length of time to get the Fire Sprinkler design drawings submitted and approval back from the state of SC?”
 - *Response: Per Addendum No. 1, the substantial completion has been revised to 210 calendar days.*
- Question 2 Received: “Please review drawing A10.01 – Door and hardware schedule as follows:
 1. Mark 107A Cafeteria calls for double door 7'H x 6'-2"W, but the frame is listed as a DF4 for a single door. Believe should be DF3
 2. Mark 117A Storage calls for 9'-8"H x 3'W door
 3. Mark 120B Janitor calls for a 6'H x 3'W and no door hardware set number”
 - *Response:*
 1. *A10.01 has been updated to revise Door 107A Cafeteria to 7'-0"H x 6'-0"W and DF3.*

DP3 Architects, Ltd.
15 South Main Street
Suite 400
Greenville, SC 29601
864.232.8200

www.DP3architects.com

2. *A10.01 has been updated to revise Door 117A Storage to 7'-0" H x 3'-0" W.*
 3. *A10.01 has been updated to revise Door 120B Janitor to 7'-0" H x 3'-0" W and Hardware Set 8.*
- Question 3 Received: "On Drawing A1.01 – Noted and Dimensioned Floor Plan, the Wall Type Legends states "Refer to Structural Drawings." There are NO structural drawings included in the bid documents. Need details showing heights of wall framing, drywall heights, etc"
 - *Response: A1.01 Wall Legend has been revised to omit the phrase "Refer to Structural Drawings"; Structural drawings are not included in the bid documents. A1.01 RevA Wall Legend has been revised to note wall heights. A2.01 Reflected Ceiling Plan has been updated to show walls to deck.*
 - Question 4 Received: "The Bid Form has 5 Alternates, but in reviewing the Mechanical drawings M3.02, I came across an Alternate #1 which is completely different than the Bid Form Alternates.
 - *Response: Refer to T1.01 and Bid Form for Alternate No. 1: Kitchen equipment and extended MEP scope from tie-in points. It reads as follows:*
 1. *Base bid item: Perform all demolition and new work to prepare space for future kitchen equipment, including tie-ins.*
 2. *Alternative item: Kitchen equipment and associated mechanical, electrical, and plumbing systems extended from tie-in points. Refer to sheet a3.03 enlarged kitchen plan and equipment schedule, mechanical drawings, electrical drawings, and plumbing drawings.*
 - Question 5 Received: "Since Richelieu is the only door hardware specified and does not do shop drawings and submittals needed for this job, can a door material hardware allowance amount be issued?"
 - *Response: Please refer to attachments. A10.01 Door and Hardware Schedule as well as Specification Section 08 71 00 Door Hardware have been revised to read:*
 1. *Section 2.01 Manufacturers – Basis of Design*
 - A. *Locksets – Schlage*
 - B. *Pulls – Rockwood*
 - C. *Panic Devices – Von Duprin*
 - D. *Closers – LCN*
 - E. *Hinges, Silencers, Wall Stops – Ives*
 - Question 6 Received: "Drawing A3.03 – Equipment Schedule – Alternate No. 1 EQ-2 Ice Maker: Does the Owner want Flake ice or Cubed ice?"
 - *Response: The owner prefers Cubed Ice.*
 - Question 7 Received: "There is a specification 10 14 23 Panel Signage, but no drawing showing location of signage or details."
 - *Response: This specification section has been removed from the project manual. Please refer to LS1.01 and LS1.02 for the required interior signage. Please refer to added sheet T1.02 attached for typical*

restroom signage and accessible details. Room signage is to be provided.

- Question 8 Received: "Can you please confirm the cabling requirements for WAP? How many cables do they need and do they need Cat 6 or Cat 6A?"
 - *Response: From IT Consultant, "If they plan to ever run multi-gig services I would recommend Cat6A. On the layout we had 6 AP locations."*
- Question 9 Received: "Can you please confirm cabling requirements for station outlets?"
 - *Response: From IT Consultant, "We only had a layout for cameras and APs. I would suggest at least 4 drops per room (one on each wall) at minimum."*
- Question 10 Received: "Can you please confirm TR rack and ladder rack requirements? Are there existing racks to remain?"
 - *Response: From IT Consultant, "During the site visit I did not see any existing racks or TR track."*
- Question 11 Received: "Can you confirm if any PDU or UPS are required? And if so can you confirm required specs for each?"
 - *Response: From IT Consultant, "PDU or UPS would not be required."*
- Question 12 Received: "I have been told that normally Newberry County has an Owner allowance on their projects and haven't seen anything listed in the specifications."
 - *Response: This project does not have an owner allowance in the bid.*
- Question 13 Received: "At the Prebid it was stated that roofing and roof insulation would be bid out by the county to others and NOT included in our scope. Our bidding plans call for numerous HVAC, plumbing, and electrical penetrations thru the roof. Will the roof penetration flashings, pipe boots, and flashing of them be included in the roofer's contract?? I would expect to get a warranty they would need to be by him. What are we expected to include in our bid regarding roof penetrations?"
 - *Response: Please refer to attached added Project Manual section Allowances and T1.01_RevA; A \$20,000 allowance has been added for sealing the roof penetrations. The chosen General Contractor for this project will cut and install all MEP related penetrations through the new roof (that will be installed by the Roofing Contractor under the separate reroof contract) and flash and seal the new penetrations in accordance with the roofing manufacturers' standard applicable details.*
- Question 14 Received: "Looking at Sheet C-102, I see no backflow device on the new 6 inch fire main. Will one be required?"
 - *Response: From Plumbing Engineer, The backflow preventer should be provided by the FP contractor on the fire riser. We call that out in detail 1/FP0.01."*
- Question 15 Received: "On sheet C 102, we see no meter / meter pit for the fire line. Will this fire water be unmetered?"
 - *Response: From Civil Engineer, "The fire water main does not require a meter."*

- Question 16 Received: "On sheet C-102 - Is ADA ramp and handrail in the base bid or alternate No. 3?
 - *Response: All ADA ramps and handrails on sheet C-502 are included in the base bid. All other accessible parking upgrades shown on C-102 are part of Alternate No. 3.*
- Question 17 Received: "Alternate #5 – Kitchen Floor Finish
 1. Dwg A12.01 – Kitchen (112), Dry Storage (113), and Supply/Storage (115) call for Floor to be ETR and Base to be N/A
 2. Alternate #5 - Kitchen (112), Dry Storage (113), and Supply/Storage (115) call for Floor to be VF1 and Base to be ?
 - *Response:*
 1. *Kitchen 112, Dry Storage 113 and Supply Storage 115 will have no base as the existing floor will remain.*
 2. *Kitchen 112, Dry Storage 113 and Supply/Storage 115 will require RB1 with VF1 if Alternate #5 is accepted. This has been noted on T1.01 and Alternates Project Manual Section included with this addendum.*
- Question 18 Received: "What does the "SC" Symbol stand for on the electrical sheets?
 - *Response: This stands for security camera, as referenced on the technology symbol legend on E0.01.*
- Question 19 Received: "In Drawing A3.03 – Equipment Schedule – Alternate No. 1, both EQ6 prep sink and EQ11 hand wash sink have description and manufacturer, but no mention of fixtures – faucet, drain, etc.. Not mentioned on Base Bid drawings either.
 - *Response: Please refer to Kitchen Equipment Connection Schedule on P4.02 for EQ11 faucet specification. All other kitchen equipment specifications are provided as part of the Architectural Kitchen Plan.*

PROJECT MANUAL

Section 01 21 00 - ALLOWANCES

- Specification section added to project manual.

Section 01 23 00 - ALTERNATES

- Revised Alternate No. 5: Kitchen Floor Finish Alternative Item to read, "Alternative Item: Floor Finish In Kitchen 112, Dry Storage 113, And Supply/Storage 115 To Be Vinyl Flooring VF1 with Resilient Base RB1. Refer To Finish Schedule"

Section 08 71 00 – DOOR HARDWARE

- Revised Section 2.01 Manufacturers – Basis of Design to read,
 - A. Locksets – Schlage
 - B. Pulls – Rockwood

- C. Panic Devices – Von Duprin
- D. Closers – LCN
- E. Hinges, Silencers, Wall Stops – Ives

Section 10 14 23 – PANEL SIGNAGE

- Specification section removed from project manual.

DRAWINGS

Drawing T1.01 – TITLE SHEET

- Added T1.02 to Drawing Index
- Added Allowances Section.

Drawing T1.02 – GENERAL ACCESSIBILITY DETAILS

- Added sheet for Accessible Door Signs Location Legend, Accessible Restroom Sign Detail, Restroom Accessory Mounting Locations, and Accessible Drinking Fountain.

Drawing A1.01 – NOTED AND DIMENSIONED FLOOR PLANS

- Revised Wall Type Legend to eliminate “Refer to Structural Drawings”.
- Changed Wall Types to notate heights.

Drawing A2.01 – REFLECTED CEILING PLANS

- In Reflected Ceiling Plan Legend, added dashed line and “Wall to Extend to Underside of Deck”
- Noted which walls to extend to underside of deck

Drawing A10.01 – DOOR AND HARDWARE SCHEDULE

- Revised Door 107A Cafeteria to 7'-0"H x 6'-0"W and DF3.
- Revised Door 117A Storage to 7'-0" H x 3'-0" W.
- Revised Door 120B Janitor to 7'-0"H x 3'-0"W and Hardware Set 8.
- Revised Door Hardware Schedule

ATTACHMENTS:

- Fire Hydrant Flow Test Results
- Section 01 21 00 – ALLOWANCES
- Section 01 23 00 – ALTERNATES – REVISED
- Section 08 71 00 – DOOR HARDWARE – REVISED
- Drawing T1.01 – TITLE SHEET_REV A
- Drawing T1.02 – GENERAL ACCESSIBILITY DETAILS
- Drawing A1.01 – NOTED AND DIMENSIONED FLOOR PLANS_REV A
- Drawing A2.01 – REFLECTED CEILING PLANS_REV A
- Drawing A10.01 – DOOR AND HARDWARE SCHEDULE_REV A
- Approved Door and Frame Substitution Submittal
- Approved Lighting Substitution Submittal

END OF SECTION



City of Newberry
PO Box 538
1330 College Street
Newberry, SC 29108

July 20, 2026

Re: Hydrant Flow Test

The City of Newberry performed a hydrant flow test February 11, 2025, on the hydrant located at the end of the line on McSwain St.

The test results are as follows:

Res 55
Gpm 1060
Static 115

Sincerely,

Krystal Bates
Assistant to the Utility Director

SECTION 01 21 00 ALLOWANCES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Cash allowances.

1.02 RELATED REQUIREMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this section.

1.03 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
 - 1. Specific work and tasks are defined in the Contract Documents by allowances. Allowances have been established in lieu of specifying complex, system integration tasks as part of the project specifications. The Contractor shall coordinate, schedule and manage the work of the System Integrator (hereinafter referred to as Integrator) on this project.
- B. Types of allowances include the following:
 - 1. Unforeseen\Unknown Condition Allowances.
 - 4. Undefined Scope Allowance.

1.03 CASH ALLOWANCES

- A. Costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, less applicable trade discounts. Mark ups and fees shall not be allowed.
- B. Costs Included in Cash Allowances: Overhead, profit, and related costs for products and equipment ordered under the contingency allowance are included in the allowance and are not part of the Contract Sum. These costs include delivery, installation, taxes, insurance, equipment rental, and similar costs.
- C. Architect Responsibilities:
 - 1. Consult with Contractor for consideration and selection of products, suppliers, and installers.
- D. Contractor Responsibilities:
 - 1. Assist Architect in selection of products, suppliers, and installers.
 - 2. Obtain proposals from suppliers and installers and offer recommendations.
 - 3. Arrange for and process shop drawings, product data, and samples. Arrange for delivery.
 - 4. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.
- E. Use the allowances only as directed by Architect for Owner's purposes and only by Change Orders that indicate amounts to be charged to the allowance.
- F. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

1.04 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances

for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.

1. Include installation costs in purchase amount only where indicated as part of the allowance.
 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other margins claimed.
 3. Submit substantiation of a change in scope of work, if any, claimed in Change Orders related to unit-cost allowances.
 4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.
- B. Submit claims for increased costs because of a change in scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of work has changed from what could have been foreseen from information in the Contract Documents.
 2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

1.06 SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.
- B. Coordinate and process submittals for allowance items in same manner as for other portions of the Work. Integrator shall submit shop drawings and product data information to Architect for approval prior to ordering of any equipment.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

Allowance No. 1: Include the sum of \$20,000 to cut and install all MEP related penetrations through the new roof (installed by separate contractor under separate contract) and flash and seal the new penetrations in accordance with the roofing manufacturers' standard applicable details.

END OF SECTION

**SECTION 01 23 00
ALTERNATES**

1.01 PROVISIONS INCLUDED

- A. The conditions of the Contract and Division 1, General Requirements, apply to the work under this Section.

1.02 DESCRIPTION OF WORK

- A. Furnish all labor, materials and services necessary for the proper and complete execution of accepted alternates. The amount of alternate prices to be added to or deducted from the base bid shall be stated on the Bid Form and shall include the cost of any and all modifications made necessary by the Owner's acceptance of an alternate.
- B. State the amount to be added to or deducted from the base bid for each of the following alternates, if these alternates are added to the work of the Contract. The base bid shall not include the following listed alternates or work required to be performed in connection thereto.

1.03 SCHEDULE OF ALTERNATES

- A. Alternate No. 1: Kitchen Equipment and Extended MEP Scope from Tie-In Points
 - 1. Base Bid Item: Perform all demolition and new work to prepare space for future kitchen equipment, including tie-ins.
 - 2. Alternative Item: Kitchen equipment and associated Mechanical, Electrical, and Plumbing systems extended from tie-in points. Refer to sheet A3.03 Enlarged Kitchen Plan and Equipment Schedule, Mechanical Drawings, Electrical Drawings, and Plumbing Drawings.
- B. Alternate No. 2: Relocation Of Water Service
 - 1. Base Bid Item: Existing Water Service To Remain.
 - 2. Alternative Item: Water Service Tap As Shown On Drawing C-102.
- C. Alternate No. 3: Accessible Parking Upgrades
 - 1. Base Bid Item: Concrete Ada Ramp And Handrails To Be Constructed.
 - 2. Alternative Item: Accessible Parking Upgrades As Shown On Drawing C-102.
- D. Alternate No. 4: Corridor And Classroom Floor Finish
 - 1. Base Bid Item: All Corridor And Classroom Flooring To Be Sealed Concrete Sc1. Refer To Finish Schedule.
 - 2. Alternative Item: All Corridor And Classroom Flooring To Be Luxury Vinyl Tile Lvt1. Refer To Finish Schedule.
- E. Alternate No. 5: Kitchen Floor Finish
 - 1. Base Bid Item: Existing Floor To Remain In Kitchen 112, Dry Storage 113, And Supply/Storage 115.
 - 2. Alternative Item: Floor Finish In Kitchen 112, Dry Storage 113, And Supply/Storage 115 To Be Vinyl Flooring VF1 with Resilient Base RB1. Refer To Finish Schedule.

END OF SECTION

SECTION 08 71 00 DOOR HARDWARE

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Hardware for interior wood and exterior wood and metal doors.

1.02 RELATED REQUIREMENTS

- A. Section 08 11 13 – Hollow Metal Doors and Frames.

1.03 REFERENCE STANDARDS

- A. ANSI/ICC A117.1 - American National Standard for Accessible and Usable Buildings and Facilities; International Code Council; 2009.
- B. BHMA A156.2 - American National Standard for Bored and Preamsembled Locks & Latches; Builders Hardware Manufacturers Association; 2011 (ANSI/BHMA A156.2).
- C. BHMA A156.4 - American National Standard for Door Controls - Closers; Builders Hardware Manufacturers Association, Inc.; 2008 (ANSI/BHMA A156.4).
- D. BHMA A156.6 - American National Standard for Architectural Door Trim; Builders Hardware Manufacturers Association; 2010 (ANSI/BHMA A156.6).
- E. BHMA A156.8 - American National Standard for Door Controls - Overhead Stops and Holders; Builders Hardware Manufacturers Association, Inc.; 2010 (ANSI/BHMA A156.8).
- F. BHMA A156.18 - American National Standard for Materials and Finishes; Builders Hardware Manufacturers Association, Inc.; 2006 (ANSI/BHMA A156.18).
- G. BHMA A156.22 - American National Standard for Door Gasketing and Edge Seal Systems, Builders Hardware Manufacturers Association; 2012 (ANSI/BHMA A156.22).
- H. DHI WDHS.3 - Recommended Locations for Architectural Hardware for Flush Wood Doors; Door and Hardware Institute; 1993; also in WDHS-1/WDHS-5 Series, 1996.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordinate the manufacture, fabrication, and installation of products onto which door hardware will be installed.
- B. Furnish templates for door and frame preparation to manufacturers and fabricators of products requiring internal reinforcement for door hardware.
- C. Convey Owner's keying requirements to manufacturers.
- D. Preinstallation Meeting: Convene a preinstallation meeting one week prior to commencing work of this section; require attendance by all affected installers.

1.05 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings:
 - 1. Indicate locations and mounting heights of each type of hardware, schedules, catalog cuts, electrical characteristics and connection requirements.
- C. Samples: Prior to preparation of hardware schedule:
 - 1. Submit 1 sample of hinge and passage closer illustrating style, color, and finish.
 - 2. Samples will not be returned to supplier.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.
- B. Hardware Supplier Qualifications: Company specializing in supplying commercial door hardware with 10 years of experience.
- C. Hardware Supplier Personnel: Employ an Architectural Hardware Consultant (AHC) to assist in the work of this section.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Package hardware items individually; label and identify each package with door opening code to match hardware schedule.

1.08 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

PART 2 PRODUCTS

2.01 MANUFACTURERS - BASIS OF DESIGN

- A. Locksets – Schlage
- B. Pulls – Rockwood
- C. Panic Devices – Von Duprin
- D. Closers – LCN
- E. Hinges, Silencers, Wall Stops – Ives

2.02 DOOR HARDWARE - GENERAL

- A. Provide all hardware specified or required to make doors fully functional, compliant with applicable codes, and secure to the extent indicated.
- B. Provide all items of a single type of the same model by the same manufacturer.
- C. Provide products that comply with the following:
 - 1. Applicable provisions of federal, state, and local codes.
 - 2. ANSI/ICC A117.1, American National Standard for Accessible and Usable Buildings and Facilities.
 - 3. Applicable provisions of NFPA 101, Life Safety Code.
- D. Function: Lock and latch function descriptions of manufactures series as listed in hardware schedule.
- E. Finishes: All door hardware the same finish unless otherwise indicated.
 - 1. Primary Finish: Refer to Hardware Schedule on the drawings.

2.03 HINGES

- A. Hinges: Provide hinges on every swinging door.
 - 1. Provide five-knuckle full mortise butt hinges unless otherwise indicated, three hinges per door.
 - 2. Provide ball-bearing hinges at all doors.
 - 3. Provide hinges in the quantities indicated.
- B. Manufacturers - Hinges:
 - 1. Assa Abloy McKinney: www.assaabloydss.com.

2.05 LOCKS AND LATCHES

- A. Locks: As indicated in the Hardware Schedule.
 - 1. Hardware Sets indicate locking functions required for each door.
 - 2. Trim: Provide lever handle or pull trim on outside of all locks unless specifically stated to have no outside trim. Refer to Hardware Schedule.
- B. Lock Cylinders: Manufacturer's standard tumbler type, six-pin standard core.
 - 1. Provide cams and/or tailpieces as required for locking devices required.
- C. Keying: Grand master keyed.
 - 1. Include construction keying.
 - 2. Supply keys in the following quantities:
 - a. 5 master keys.
 - b. 5 grand master keys.
 - c. 2 construction keys.
 - d. 2 control keys and 2 extra cylinder cores.
 - e. 2 change keys for each lock.
- D. Occupancy Indicator: ML2030 by Assa Abloy

2.09 STOPS AND HOLDERS

- A. Stops: As noted in the Hardware Schedule.

2.10 GASKETING AND THRESHOLDS

- A. Gasketing and Thresholds: As noted on the Hardware Schedule.

2.11 PROTECTION PLATES AND ARCHITECTURAL TRIM

- A. Protection Plates:
 - 1. Kickplate: As noted in the Hardware Schedule.

2.12 KEY CONTROLS

- A. Key Management System: For each keyed lock on project, provide one set of consecutively numbered duplicate key tags with hanging hole and snap catch.
- B. Facility Manager's Key Cabinet: Sheet steel construction, piano hinged door with key lock.
 - 1. Mounting: Wall-mounted.
 - 2. Capacity: Actual quantity of keys, plus 25 percent additional capacity.
 - 3. Size key hooks to hold 6 keys each.
 - 4. Finish: Baked enamel, manufacturer's standard color.
 - 5. Key cabinet lock to building keying system.
- C. Fire Department Lock Box: This item shall be specified by the fire department having local jurisdiction. The contractor shall coordinate the order, delivery and shall install item in a designated location. Contractor shall provide payment for item, including tax and freight, and installation. .

2.13 GENERAL REQUIREMENTS FOR DOOR HARDWARE PRODUCTS

- A. Provide products that comply with the following:
 - 1. Applicable provisions of Federal, State, and local codes.
 - 2. ANSI/ICC A117.1, American National Standard for Accessible and Usable Buildings and Facilities.
 - 3. Applicable provisions of NFPA 101, Life Safety Code.
- B. Finishes: Identified in schedule on the drawings.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that doors and frames are ready to receive work; labeled, fire-rated doors and frames are present and properly installed, and dimensions are as indicated on shop drawings.

3.02 INSTALLATION

- A. Install hardware in accordance with manufacturer's instructions and applicable codes.
- B. Use templates provided by hardware item manufacturer.
- C. Mounting heights for hardware from finished floor to center line of hardware item:
 - 1. For wood doors: Comply with DHI "Recommended Locations for Architectural Hardware for Wood Flush Doors."

3.03 FIELD QUALITY CONTROL

- A. Provide an Architectural Hardware Consultant to inspect installation and certify that hardware and installation has been furnished and installed in accordance with manufacturer's instructions and as specified.

3.04 ADJUSTING

- A. Adjust work under provisions of Section 01 70 00.
- B. Adjust hardware for smooth operation.

3.05 CLEANING

- A. Clean adjacent surfaces soiled by hardware installation. Clean finished hardware per manufacturer's instructions after final adjustments has been made. Replace items that cannot be cleaned to manufacturer's level of finish quality at no additional cost.

3.06 PROTECTION

- A. Protect finished Work under provisions of Section 01 70 00.
- B. Do not permit adjacent work to damage hardware or finish.

3.07 SCHEDULE - REFER TO DRAWINGS.

END OF SECTION

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NEWBERRY COUNTY GALLMAN PLACE RENOVATION

540 BRANTLEY STREET
NEWBERRY, SC 29108

GENERAL NOTES

- A. THE TERM "WORK" AS USED IN THESE NOTES SHALL INCLUDE ALL PROVISIONS AS DRAWN OR SPECIFIED IN THESE DOCUMENTS AS WELL AS ALL OTHER PROVISIONS SPECIFICALLY INCLUDED BY THE OWNER IN THE FORM OF DRAWINGS, SPECIFICATIONS, AND WRITTEN INSTRUCTIONS AND APPROVED BY THE ARCHITECT.
- B. THE TERM "CONTRACTOR" AS USED IN THESE NOTES SHALL REFER TO THE GENERAL CONTRACTOR OR TO THE SUB-CONTRACTORS. THE OWNER MAY ELECT TO CONTRACT DIRECTLY WITH A SUB-CONTRACTOR FOR ANY PART OF THE WORK.
- C. SCOPE OF WORK: THE CONTRACTOR SHALL INCLUDE AND PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION, AND PAY ALL EXPENSES INCURRED IN THE PROPER COMPLETION OF WORK UNLESS SPECIFICALLY NOTED TO BE THE WORK OF OTHERS. CONTRACTOR SHALL PERFORM ALL WORK NECESSARY FOR PRODUCING A COMPLETE, HABITABLE PROJECT, INCLUDING BUT NOT LIMITED TO SITE WORK, ARCHITECTURAL, STRUCTURAL, FIRE PROTECTION, PLUMBING, HVAC, AND ELECTRICAL.
- D. BEFORE CONSTRUCTION BEGINS, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND SHALL NOTIFY THE ARCHITECT, IN WRITING, OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK AND SHALL BE RESPONSIBLE FOR SAME.
- E. IF THE CONTRACT DOCUMENTS ARE FOUND TO BE UNCLEAR, AMBIGUOUS OR CONTRADICTORY, THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH THAT PART OF THE WORK.
- F. IF A CONDITION EXISTS THAT REQUIRES OBSERVATION OR ACTION BY THE ARCHITECT, OR OTHER DESIGN PROFESSIONAL, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT.
- G. CONTRACTOR SHALL BE FAMILIAR WITH PROVISIONS OF ALL APPLICABLE CODES AND SHALL ENSURE THE COMPLIANCE OF THE WORK WITH ALL LOCAL, STATE AND FEDERAL CODES, TRADE STANDARDS AND MANUFACTURER'S RECOMMENDATIONS. IN THE EVENT OF CONFLICT BETWEEN LOCAL, STATE AND NATIONAL CODES, THE MORE STRINGENT SHALL GOVERN. BEFORE COMMENCING WORK NOT SHOWN IN DOCUMENTS, BUT REQUIRED TO ACHIEVE FULL COMPLIANCE WITH CODES, CONTRACTOR SHALL NOTIFY ARCHITECT.
- H. THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY, COMPLIANCE WITH STATE AND FEDERAL REGULATIONS REGARDING SAFETY AND COMPLIANCE WITH REQUIREMENTS SPECIFIED IN THE OWNER/CONTRACTOR CONTRACT IS, AND SHALL BE, THE CONTRACTOR'S RESPONSIBILITY.
- I. CONTRACTOR SHALL PAY ALL TAXES, SECURE ALL PERMITS AND PAY ALL FEES INCURRED IN THE COMPLETION OF THE PROJECT.
- J. THE CONTRACTOR SHALL UNCONDITIONALLY WARRANTY ALL MATERIALS, AND WORKMANSHIP FURNISHED OR INSTALLED BY HIM OR HIS SUBCONTRACTORS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE AND SHALL REPLACE ANY DEFECTIVE WORK WITHIN THAT PERIOD WITHOUT EXPENSE TO THE OWNER AND PAY FOR ALL DAMAGES TO OTHER PARTS OF THE BUILDING RESULTING FROM DEFECTIVE WORK OR ITS REPAIR. THE CONTRACTOR SHALL REPLACE DEFECTIVE WORK WITHIN A REASONABLE, AGREED UPON TIME FRAME, AFTER IT IS BROUGHT TO HIS ATTENTION.
- K. THE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS AND RUBBISH AND AT THE COMPLETION OF THE WORK THE CONTRACTOR SHALL REMOVE ALL RUBBISH, IMPLEMENTS, AND SURPLUS MATERIALS AND LEAVE THE BUILDING IN NEW AND CLEAN CONDITION.
- L. CONTRACTOR IS TO PROVIDE TO THE OWNER A LIST OF ALL SUBCONTRACTORS USED, COMPLETE WITH ADDRESSES, PHONE NUMBERS AND COPIES OF ALL WARRANTIES AND OPERATIONS AND MAINTENANCE MANUALS.

COORDINATION OF WORK

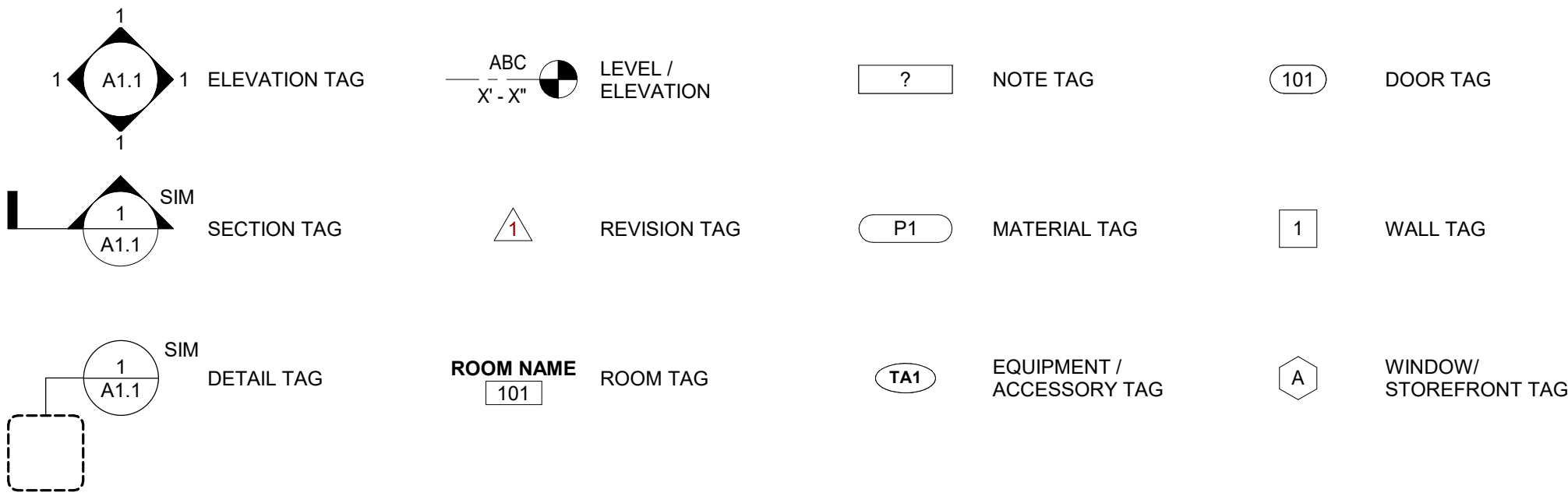
ALL NOTES APPLY TO ALL DRAWINGS AND ALL TRADES. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS AND SUB-CONTRACTORS TO COORDINATE THE INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY ALL OTHER CONTRACTORS AND SUB-CONTRACTORS. THE REQUIREMENTS OF THE DRAWINGS, GENERAL REQUIREMENTS, AND ALL ITEMS OF THE CONTRACT DOCUMENTS ARE EQUALLY BINDING ON ALL CONTRACTORS AND SUB-CONTRACTORS. EACH CONTRACTOR IS REQUIRED TO MAINTAIN FULL SETS OF THE CONTRACT DOCUMENTS FOR HIS EMPLOYEE'S USE ON THE PROJECT AND ASSURE THAT ALL WORK IS PROPERLY COORDINATED AND INSTALLED WITH THE WORK OF OTHER CONTRACTORS AND SUB-CONTRACTORS.

CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES AND SAFETY PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK.

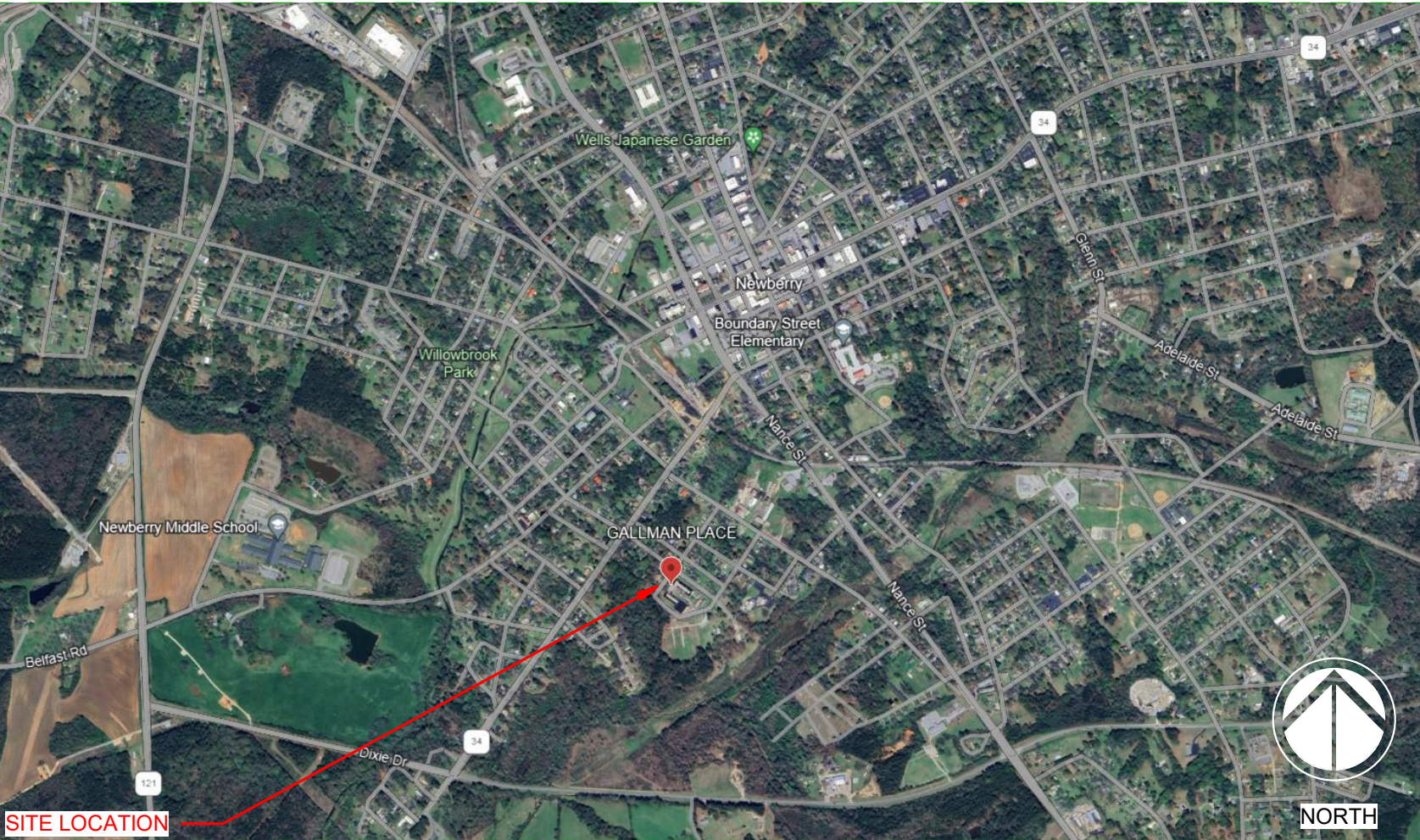
PROJECT SCOPE

THE SCOPE OF THE PROJECT IS A RENOVATION OF APPROXIMATELY 12,000 SF OF THE EXISTING 50,000 SF HIGH SCHOOL FOR A COMMUNITY CENTER. THIS INCLUDES: UPGRADES TO EXISTING ELECTRICAL SYSTEM INCLUDING NEW PANELBOARDS; UPGRADES TO EXISTING CLASSROOM LIGHTING AND HVAC (WALL UNITS); RESTROOM RENOVATIONS FOR ACCESSIBILITY COMPLIANCE, UPGRADES TO THE EXISTING KITCHEN AND CAFETERIA LIGHTING AND HVAC (WALL UNITS); UPGRADES TO LIFE SAFETY LIGHTING AND FIRE ALARM SYSTEMS, AND NEW ACCESSIBLE PARKING SPACES AT STREET AND AN ACCESSIBLE ROUTE TO THE BUILDING. STRUCTURAL REPAIR DESIGN OF UNKNOWN CONDITIONS IS EXCLUDED.

DRAWING SYMBOL LEGEND

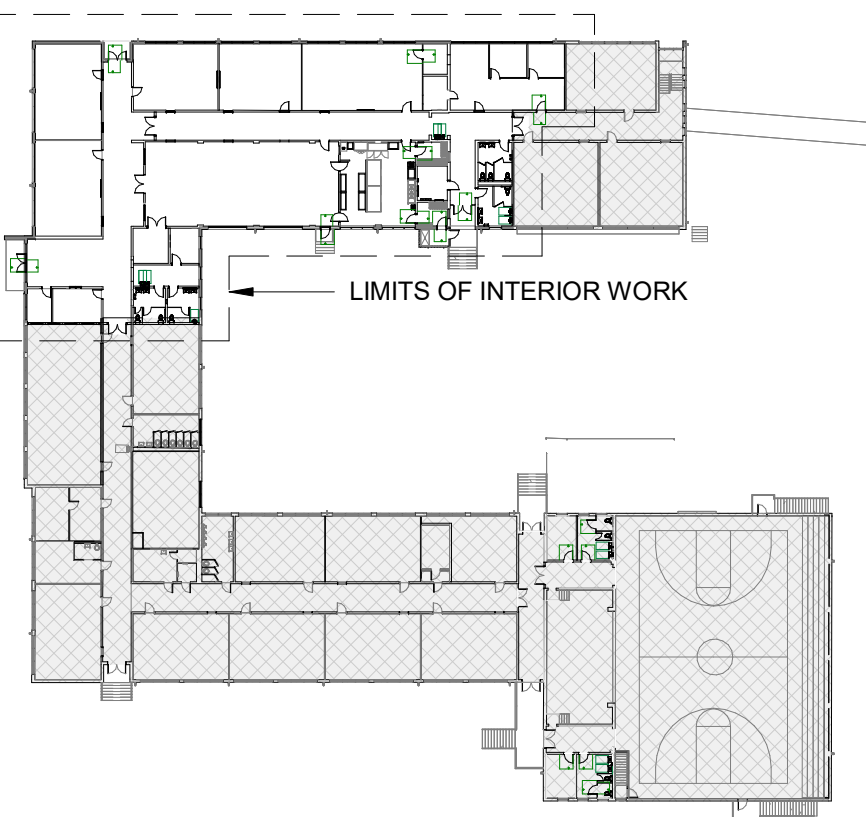


VICINITY MAP

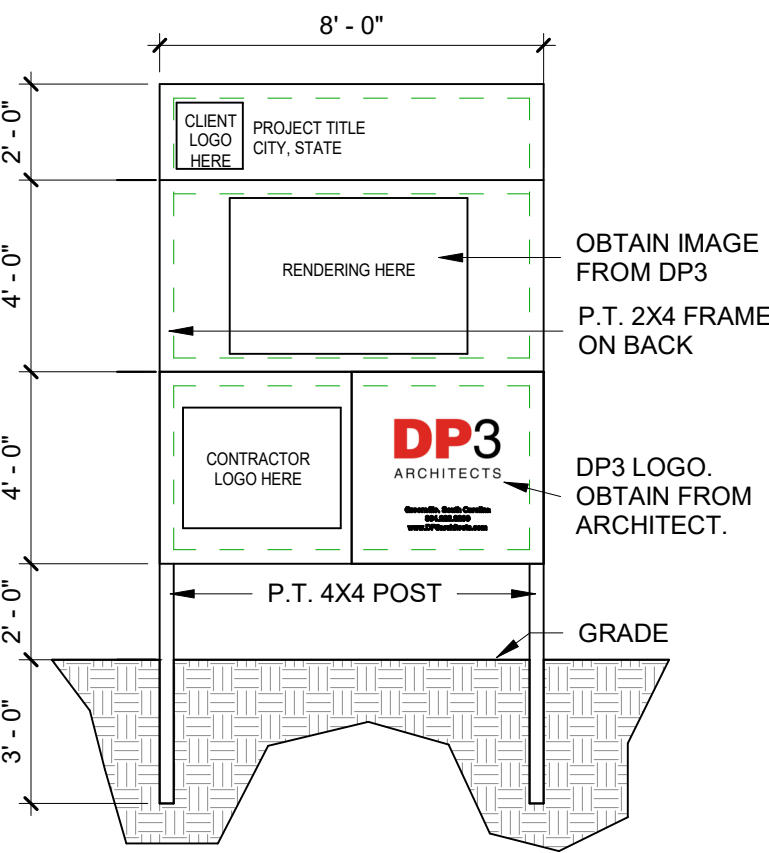


FLOOR PLAN

1/64" = 1'-0"



PROJECT SIGN



ALTERNATES

- A. ALTERNATE NO. 1: KITCHEN EQUIPMENT AND EXTENDED MEP SCOPE FROM TIE-IN POINTS
- BASE BID ITEM: PERFORM ALL DEMOLITION AND NEW WORK TO PREPARE SPACE FOR FUTURE KITCHEN EQUIPMENT, INCLUDING TIE-INS
 - ALTERNATIVE ITEM: KITCHEN EQUIPMENT AND ASSOCIATED MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS EXTENDED FROM TIE-IN POINTS. REFER TO SHEET A3.03 ENLARGED KITCHEN PLAN AND EQUIPMENT SCHEDULE, MECHANICAL DRAWINGS, ELECTRICAL DRAWINGS, AND PLUMBING DRAWINGS.
- B. ALTERNATE NO. 2: RELOCATION OF WATER SERVICE
- BASE BID ITEM: EXISTING WATER SERVICE TO REMAIN.
 - ALTERNATIVE ITEM: WATER SERVICE TAP AS SHOWN ON DRAWING C-102.
- C. ALTERNATE NO. 3: ACCESSIBLE PARKING UPGRADES
- BASE BID ITEM: CONCRETE ADA RAMP AND HANDRAILS TO BE CONSTRUCTED.
 - ALTERNATIVE ITEM: ACCESSIBLE PARKING UPGRADES AS SHOWN ON DRAWING C-102.
- D. ALTERNATE NO. 4: CORRIDOR AND CLASSROOM FLOOR FINISH
- BASE BID ITEM: ALL CORRIDOR AND CLASSROOM FLOORING TO BE SEALED CONCRETE SC1. REFER TO FINISH SCHEDULE.
 - ALTERNATIVE ITEM: ALL CORRIDOR AND CLASSROOM FLOORING TO BE LUXURY VINYL TILE LVT1. REFER TO FINISH SCHEDULE.
- E. ALTERNATE NO. 5: KITCHEN FLOOR FINISH
- BASE BID ITEM: EXISTING FLOOR TO REMAIN IN KITCHEN 112, DRY STORAGE 113, AND SUPPLY/STORAGE 115.
 - ALTERNATIVE ITEM: FLOOR FINISH IN KITCHEN 112, DRY STORAGE 113, AND SUPPLY/STORAGE 115 TO BE VINYL FLOORING VF1 WITH RESILIENT BASE RB1. REFER TO FINISH SCHEDULE.

ALLOWANCES

- A. ALLOWANCE NO. 1: INCLUDE THE SUM OF \$20,000 TO CUT AND INSTALL ALL MEP RELATED PENETRATIONS THROUGH THE NEW ROOF (INSTALLED BY SEPARATE CONTRACTOR UNDER SEPARATE CONTRACT) AND FLASH AND SEAL THE NEW PENETRATIONS IN ACCORDANCE WITH THE ROOFING MANUFACTURERS' STANDARD APPLICABLE DETAILS.

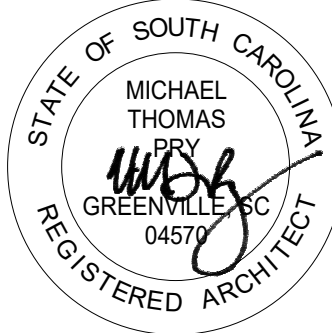
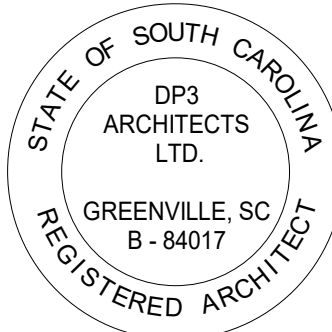
NOTES:

- GC TO PROVIDE AND INSTALL ONE PROJECT SIGN. LOCATIONS TO BE DETERMINED IN FIELD. VERIFY LOCATION WITH OWNER.
- PROJECT SIGN TO REMAIN PROMINENTLY DISPLAYED DURING ENTIRE CONSTRUCTION PERIOD. REMOVE FROM PROJECT SITE WHEN BUILDING OCCUPIED AND OPEN FOR BUSINESS. SIGN PAINTED ON 3/4" EXTERIOR PLYWOOD. LETTER STYLE AND PLACEMENT SHOULD BE SIMILAR TO THAT SHOWN.
- PROVIDE KICK BACK TREATED WOOD POSTS AS NEEDED. PAINTED WHITE.

DRAWING INDEX

NUMBER	SHEET NAME
TITLE	
T1.01	TITLE SHEET
T1.02	GENERAL ACCESSIBILITY DETAILS
LIFE SAFETY	
LS1.01	CODE REVIEW
LS1.02	LIFE SAFETY PLAN - MAIN LEVEL
CIVIL	
G-001	COVER SHEET
G-002	GENERAL NOTES AND LEGEND
CIVIL	
CD-101	DEMOLITION & ESC PLAN
CIVIL	
C-101	EXISTING CONDITIONS PLAN
C-102	SITE LAYOUT AND UTILITY PLAN
C-103	GRADING PLAN
C-501	ESC DETAILS
C-502	SITE DETAILS
C-503	UTILITY DETAILS
ARCHITECTURE	
AD1.01	DEMOLITION PLAN
AD2.01	DEMOLITION REFLECTED CEILING PLAN - MAIN LEVEL
ARCHITECTURE	
A1.01	NOTED AND DIMENSIONED FLOOR PLANS
A2.01	REFLECTED CEILING PLANS
A3.01	ENLARGED RESTROOM PLANS AND ACCESSORY SCHEDULE
A3.02	ENLARGED RESTROOM PLANS AND ACCESSORY SCHEDULE
A3.03	ENLARGED KITCHEN PLAN AND EQUIPMENT SCHEDULE
A3.04	ENLARGED LOBBY PLAN, ELEVATION, AND DETAILS
A4.01	EXTERIOR ELEVATIONS
A10.01	DOOR AND HARDWARE SCHEDULE
A10.02	WINDOW AND STOREFRONT LEGEND
A12.01	FINISH AND FURNITURE PLAN, LEGEND AND SCHEDULE
PLUMBING	
PD1.01	PLUMBING DEMOLITION PLAN
PLUMBING	
P0.01	PLUMBING LEGEND AND NOTES
P0.02	PLUMBING SCHEDULES
P0.03	PLUMBING DETAILS
P1.02	PLUMBING SANITARY AND VENT MAIN LEVEL PLAN
P2.02	PLUMBING DOMESTIC WATER MAIN LEVEL PLAN
P3.01	PLUMBING NATURAL GAS LOWER LEVEL PLAN
P3.02	PLUMBING NATURAL GAS MAIN LEVEL PLAN
P4.01	PLUMBING ENLARGED PLANS
P4.02	PLUMBING PLANS - ALTERNATE 1 KITCHEN EQUIPMENT
P5.01	PLUMBING SANITARY AND VENT RISER DIAGRAM
P5.02	PLUMBING DOMESTIC WATER RISER DIAGRAM
P5.03	PLUMBING NATURAL GAS RISER DIAGRAM
P5.04	PLUMBING RISERS - ALTERNATE 1 KITCHEN EQUIPMENT
FIRE PROTECTION	
FP0.01	FIRE PROTECTION NOTES AND DETAILS
FP1.01	FIRE PROTECTION CRITERIA LOWER LEVEL PLAN
FP1.02	FIRE PROTECTION CRITERIA MAIN LEVEL PLAN
MECHANICAL	
MD1.01	MECHANICAL DEMOLITION PLAN
MECHANICAL	
M0.01	MECHANICAL LEGEND AND NOTES
M0.02	MECHANICAL SCHEDULES
M0.03	MECHANICAL DETAILS
M0.04	MECHANICAL DETAILS
M1.01	MECHANICAL LOWER LEVEL PLAN
M1.02	MECHANICAL MAIN LEVEL PLAN
M2.02	MECHANICAL MAIN LEVEL PIPING PLAN
M3.02	MECHANICAL MAIN LEVEL PLAN - ALTERNATE 1 KITCHEN EQUIPMENT
M6.01	MECHANICAL ALTERNATE 1 HOOD DRAWINGS
M6.02	MECHANICAL ALTERNATE 1 HOOD DRAWINGS
M6.03	MECHANICAL ALTERNATE 1 HOOD DRAWINGS
ELECTRICAL	
ED1.01	ELECTRICAL DEMOLITION PLAN
ELECTRICAL	
E0.01	ELECTRICAL LEGEND AND SCHEDULES
E0.02	ELECTRICAL SCHEDULES
E0.03	ELECTRICAL DETAILS
E0.04	FIRE ALARM RISER AND MATRIX
E1.01	LOWER LEVEL ELECTRICAL PLAN
E1.02	ELECTRICAL MAIN LEVEL POWER PLAN
E1.03	ELECTRICAL MAIN LEVEL POWER PLAN - ALTERNATE 1 KITCHEN EQUIPMENT
E2.02	ELECTRICAL MAIN LEVEL LIGHTING PLAN
E3.02	ELECTRICAL MAIN LEVEL SPECIAL SYSTEMS PLAN
E4.02	ELECTRICAL MAIN LEVEL HVAC EQUIPMENT PLAN
E5.01	EXISTING ELECTRICAL RISER DIAGRAM
E5.02	PROPOSED ELECTRICAL RISER DIAGRAM
E5.11	ELECTRICAL PANEL SCHEDULES
E5.12	ELECTRICAL PANEL SCHEDULES

Seal

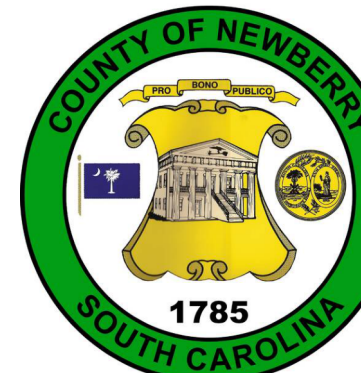


28 MAY 2026

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Project



**NEWBERRY COUNTY
GALLMAN PLACE
RENOVATION**

Project Number 23234 - B
Drawn By LTG
Checked By MTP
Date 28 MAY 2026

Revisions

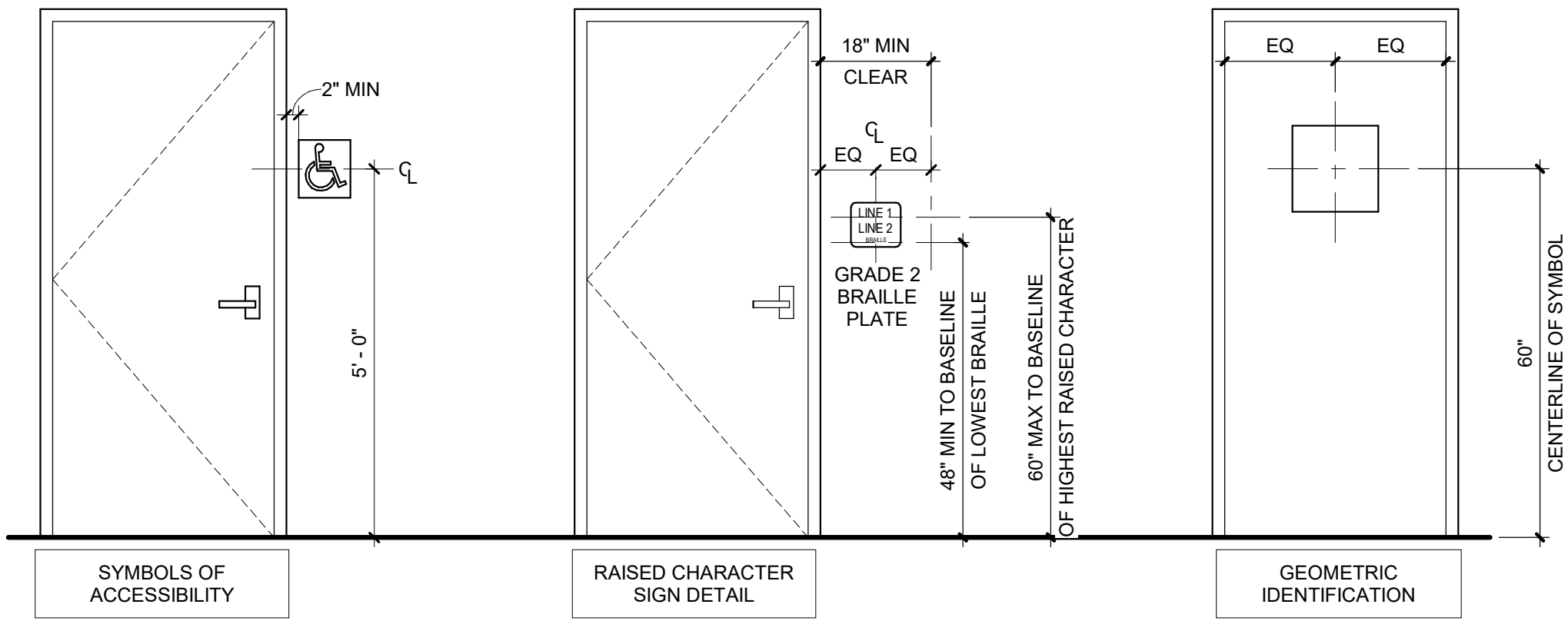
A 7/20/26 Revision A

Drawing

TITLE SHEET

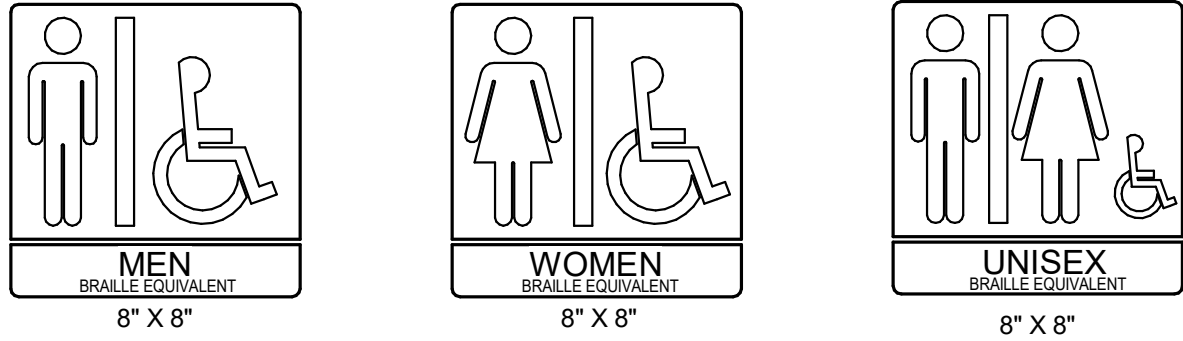
T1.01

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1 ACCESSIBLE DOOR SIGNS LOCATION LEGEND

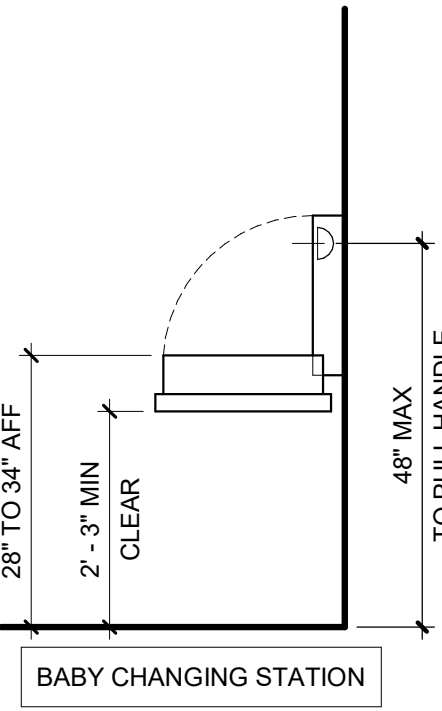
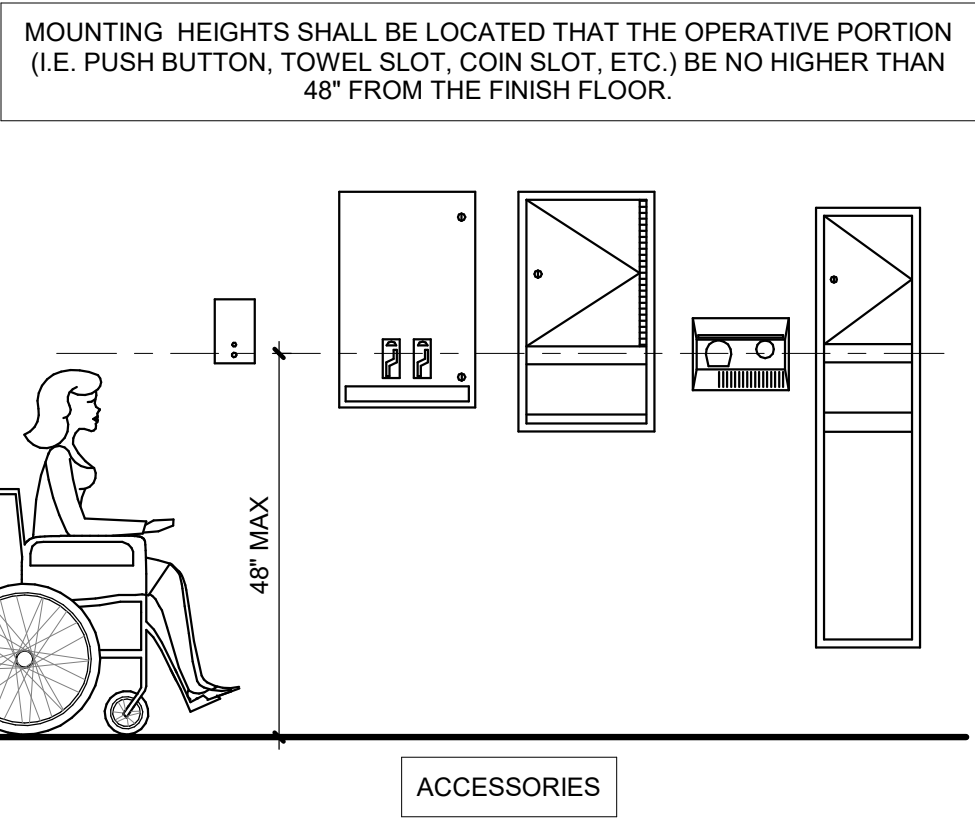
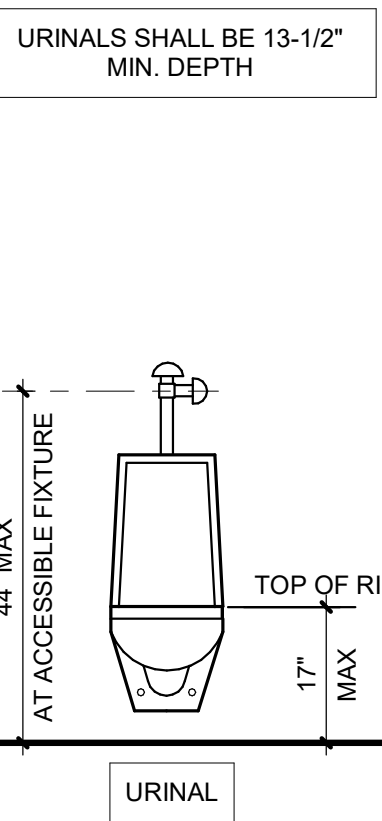
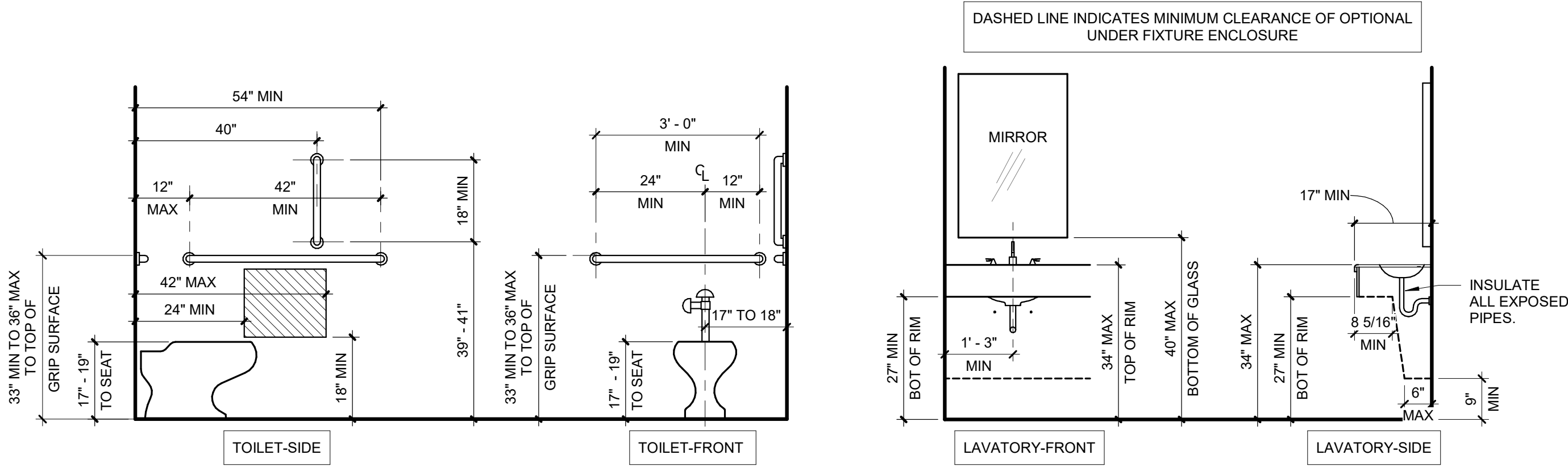
T1.02 1/2" = 1'-0"



1. UPPER CASE CHARACTERS, ARIAL.
2. CHARACTERS RAISED 1/32".
3. GRADE 2 BRAILLE.
4. CHARACTERS AT LEAST 3/8" IN HEIGHT, BUT NO HIGHER THAN 2".
5. EQUIVALENT VERBAL DESCRIPTIONS PLACED BELOW EACH PICTOGRAM.
6. PICTOGRAM AREA A MINIMUM OF 6".
7. COLOR CONTRAST BETWEEN CHARACTERS AND BACKGROUND.
8. MOUNT ON WALL ADJACENT TO LATCH SIDE OF DOOR.
9. IF NO WALL SPACE IS AVAILABLE ADJACENT TO THE DOOR, THE SIGN SHALL BE MOUNTED ON THE NEAREST PERPENDICULAR WALL TO THE LATCH SIDE OF THE DOOR.

2 ACCESSIBLE RESTROOM SIGN DETAIL

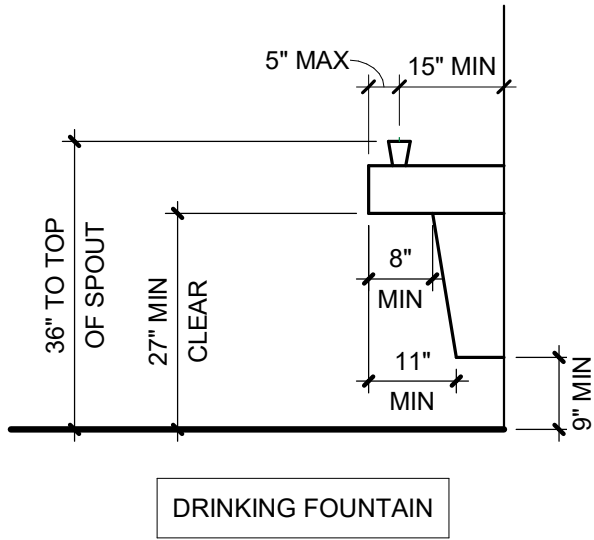
T1.02 1/2" = 1'-0"



3 RESTROOM ACCESSORY MOUNTING LOCATIONS

T1.02 1/2" = 1'-0"

STANDARD DRINKING FOUNTAIN SPOUT SHALL BE MOUNTED AT 42" A.F.F.



4 ACCESSIBLE DRINKING FOUNTAIN

T1.02 1/2" = 1'-0"

GENERAL ACCESSIBILITY NOTES

GENERAL NOTES

1. THE INFORMATION ON THIS ACCESSIBILITY DRAWING IS PROVIDED AS A GUIDE TO THE CONTRACTOR INSTALLING BUILDING EQUIPMENT OR FIXTURES. THESE DRAWINGS ARE ABBREVIATED AND DO NOT INDICATE ALL CONDITIONS THAT MAY BE ENCOUNTERED AND THEY DO NOT INCLUDE ALL REQUIREMENTS OF EITHER THE ADA OR ICC/ANSI A117.1 IN THEIR ENTIRETY.

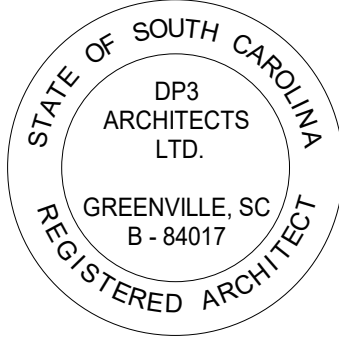
OPERABLE PARTS

1. PROVIDE AN ACCESSIBLE CLEAR FLOOR SPACE AT ALL OPERATIONAL PARTS.
2. ACCESSIBLE OPERABLE PARTS INCLUDE CONTROLS AND OPERATING MECHANISMS (DOOR HARDWARE, WINDOW OPERATORS, DISPENSERS, LIGHT SWITCHES, THERMOSTATS, ALARM CONTROLS, AND SIMILAR ELEMENTS).

ACCESSIBLE DOOR AND HARDWARE REQUIREMENTS

1. COMPLY WITH ANSI/BHMA A156.10 AND FOR POWER-ASSIST AND LOW-ENERGY DOORS, COMPLY WITH ANSI/BHMA A156.19 UNLESS DOORS OR GATES ARE DESIGNED TO BE OPERATED ONLY BY SECURITY PERSONNEL.
2. PROVIDE ACCESSIBLE HARDWARE WITH AN EASY-TO-GRASP SHAPE COMPLYING WITH OPERABLE PARTS REQUIREMENTS (LEVERS PUSH/PULLS, OR PANIC DEVICES ARE ACCEPTABLE), MOUNTED BETWEEN 2'-10" AND 4'-0" AFF. WITH MAX PROJECTION (INTO REQUIRED MIN CLEARANCES) OF 4 INCH BETWEEN 34-80 INCH AFF.
3. DOOR CLOSERS TO PROVIDE FIVE (5) SECOND (MIN) TIME TO MOVE DOOR/GATE FROM 90-DEGREE OPEN-POSITION TO 12-DEGREE OPEN-POSITION.
4. DOOR HINGES TO PROVIDE 1-1/2 SECOND MINIMUM TIME TO MOVE DOOR/GATE FROM 70-DEGREE OPEN-POSITION TO CLOSED POSITION.
5. OPENING-FORCE OF CLOSERS OR SPRING-HINGES: 5.0 LBS. MAX @ INTERIOR HINGED, SLIDING OR FOLDING DOORS OR GATES (NOT APPLICABLE TO LATCH-BOLT RETRACTION FORCE AND NOT APPLICABLE TO OPENING FORCE AT FIRE-DOORS).
6. MANUAL CONTROLS: COMPLY WITH "OPERABLE PARTS" REQUIREMENTS WITH THE CLEAR FLOOR SPACE ADJACENT TO THE CONTROL SWITCH LOCATED BEYOND THE DOOR/GATE SWING.

Seal

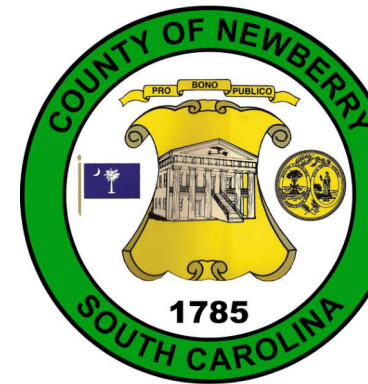


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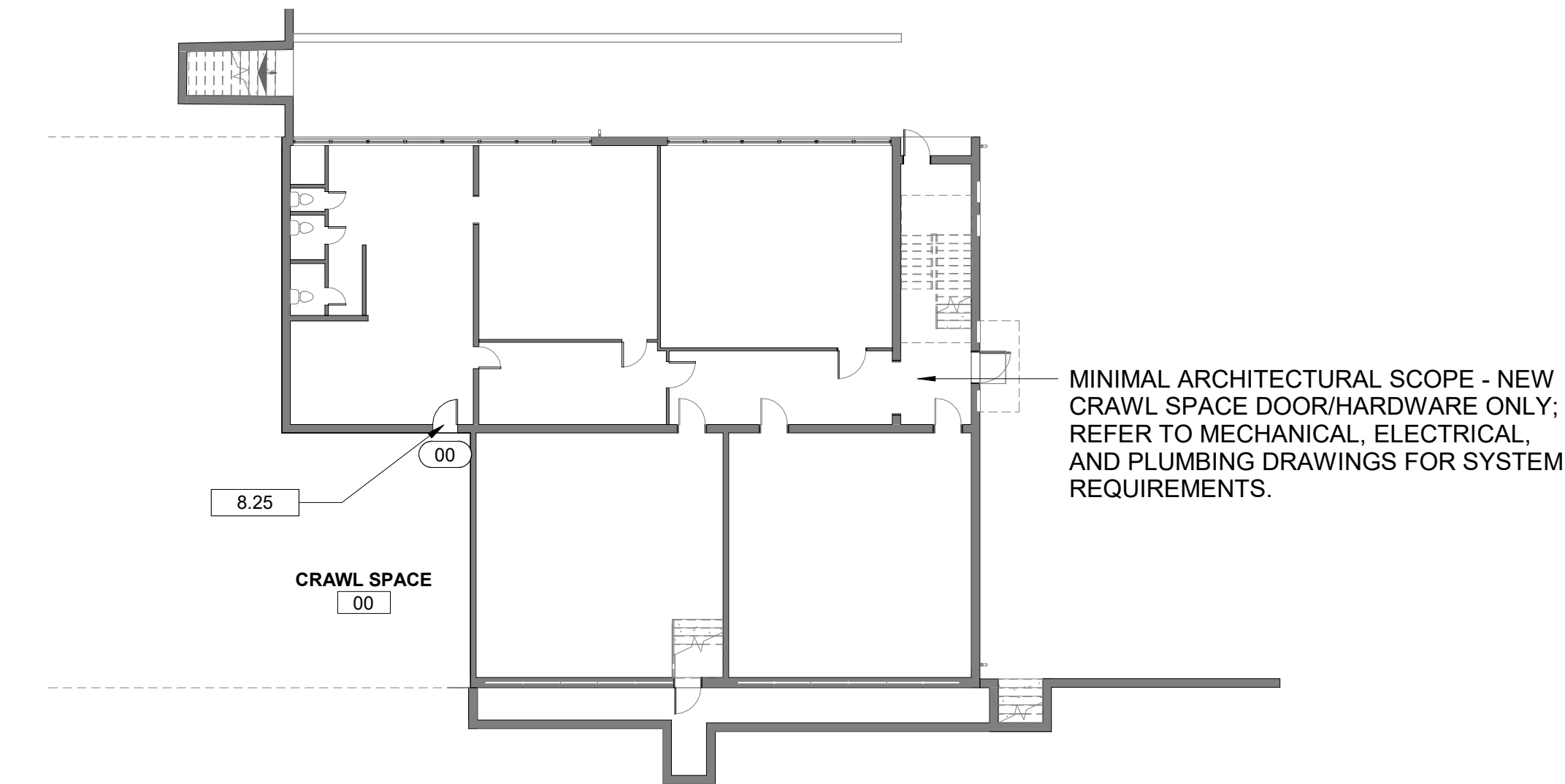
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Drawing

GENERAL
ACCESSIBILITY
DETAILS

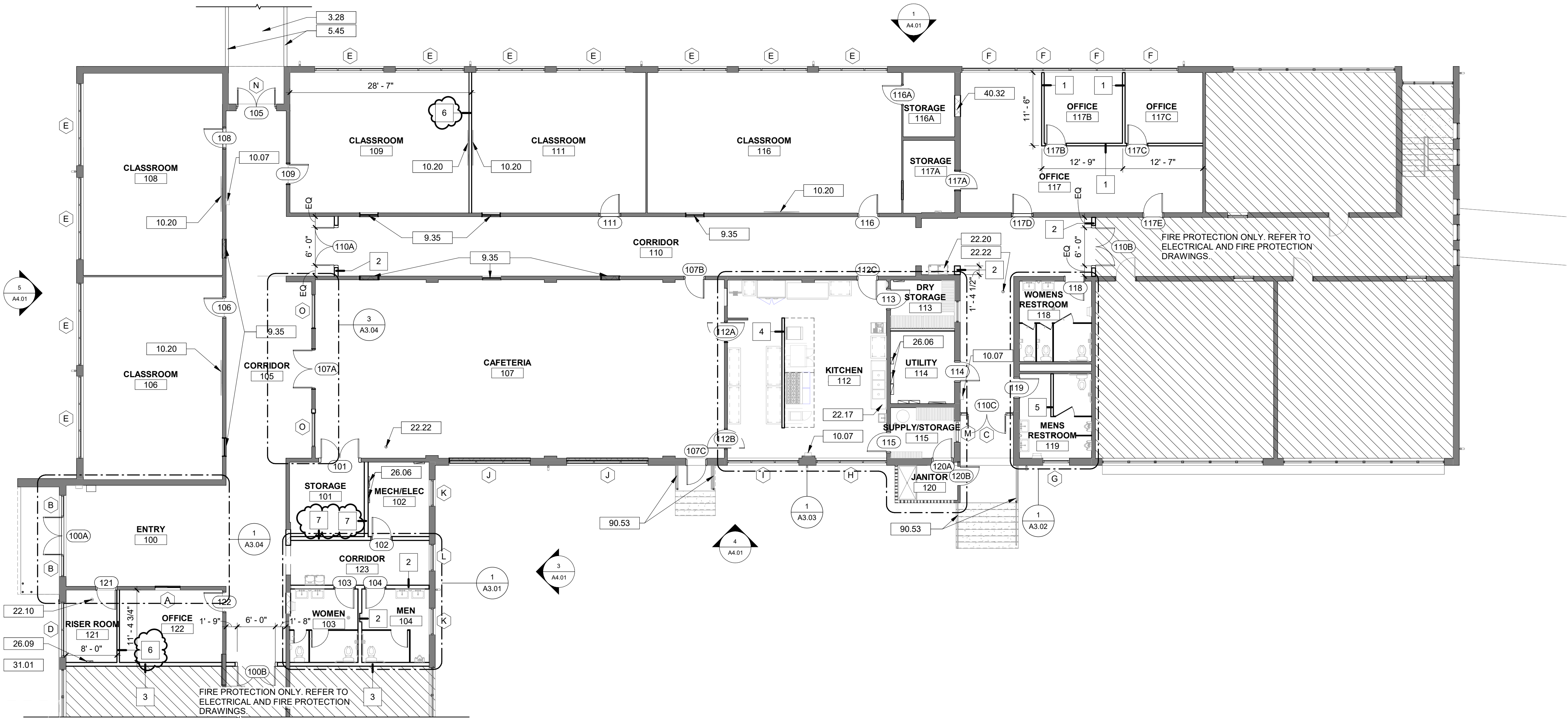
T1.02

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1 NOTED LOWER LEVEL FLOOR PLAN

A1.01 1/16" = 1'-0"



2 NOTED AND DIMENSIONED MAIN LEVEL FLOOR PLAN

A1.01 1" = 10'-0"

GENERAL FLOOR PLAN NOTES

- GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.
- DIMENSIONS ARE TO CENTERLINE OF COLUMN LINES, FACE OF INTERIOR STUDS, FACE OF EXTERIOR WALL SHEATHING AND FACE OF MASONRY, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING, MECHANICAL AND ELECTRICAL WORK.
- DOOR JAMBS ARE 6" NEAREST PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
- DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS.
- ROOMS ARE DEFINED BY WALLS, FACES OF DOORS AND ROOM CHANGE INDICATORS.
- PROVIDE WOOD BLOCKING IN PARTITIONS AT ALL LOCATIONS WHERE WORK SURFACES, SHELVING, BRACKETS, DISPLAYS, GRAB BARS, HANDRAILS AND/OR EQUIPMENT WILL BE MOUNTED OR ATTACHED TO THE FACE OF THE WALL. ALL CONCEALED WOOD SHALL BE FIRE-RETARDANT LUMBER.
- LUMBER AND BLOCKING IN CONTACT WITH MASONRY AND CONCRETE SHALL BE PRESSURE TREATED.
- USE MOISTURE RESISTANT (TYPE "X" AS REQUIRED) GWB BEHIND ALL SINKS AND WET AREAS.
- NON-FIXED FURNITURE AND EQUIPMENT IS SHOWN FOR REFERENCE ONLY. NO NON-FIXED FURNITURE, FURNISHINGS OR EQUIPMENT ARE A PART OF THE CONSTRUCTION CONTRACT UNLESS NOTED OTHERWISE.

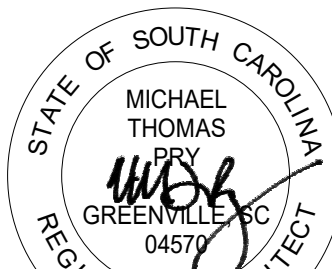
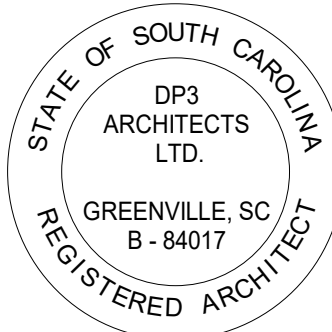
DRAWING NOTES

- 3.28 NEW ADA COMPLIANT CONCRETE SIDEWALK. REFER TO CIVIL DRAWINGS.
- 5.45 NEW METAL PIPE HANDRAILS. REFER TO CIVIL DRAWINGS.
- 8.25 NEW DOOR AND HARDWARE SET.
- 9.35 NEW TRANSFER LOUVER. REFER TO MECHANICAL DRAWINGS.
- 10.07 FIRE EXTINGUISHER CABINET.
- 10.20 TV MONITOR BY OWNER. REFER TO ELECTRICAL DRAWINGS FOR POWER/DATA.
- 22.10 FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
- 22.17 REFER TO PLUMBING DRAWINGS FOR GREASE INTERCEPTOR LOCATION.
- 22.20 HI-LO DRINKING FOUNTAIN WITH BOTTLE FILLER. REFER TO PLUMBING DRAWINGS.
- 22.22 FLOOR CLEANOUT. REFER TO PLUMBING DRAWINGS.
- 26.06 ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS.
- 26.09 FIRE ALARM CONTROL UNIT. REFER TO ELECTRICAL DRAWINGS.
- 31.01 REFER TO CIVIL DRAWINGS FOR REWORK OF GRADES TO DRAIN AWAY FROM BUILDING.
- 40.25 FIRE PROTECTION ONLY. REFER TO ELECTRICAL AND FIRE PROTECTION DRAWINGS.
- 40.32 INFILL OPENING TO MATCH ADJACENT WALL CONSTRUCTION. PREPARE TO RECEIVE PAINT FINISH.
- 90.53 PREPARE EXISTING HANDRAILS FOR NEW PAINT FINISH.

WALL TYPE LEGEND

- 1 5/8 INCH GYPSUM WALLBOARD.
3 5/8 INCH METAL STUD FRAMING SYSTEM.
BATT INSULATION. REFER TO SPECIFICATIONS.
5/8 INCH GYPSUM WALLBOARD.
WALL TO EXTEND TO 6" ABOVE CEILING.
- 2 5/8 INCH GYPSUM WALLBOARD.
6 INCH METAL STUD FRAMING SYSTEM. REFER TO STRUCTURAL DRAWINGS.
5/8 INCH GYPSUM WALLBOARD.
WALL TO EXTEND TO 6" ABOVE CEILING.
- 3 2 LAYERS 5/8 INCH TYPE X GYPSUM WALLBOARD.
6 INCH METAL STUD FRAMING SYSTEM.
BATT INSULATION. R-19 MINIMUM.
2 LAYERS 5/8 INCH TYPE X GYPSUM WALLBOARD.
- 4 5/8 INCH GYPSUM WALLBOARD.
3 5/8 INCH METAL STUD FRAMING SYSTEM.
5/8 INCH GYPSUM WALLBOARD.
HEIGHT UP TO CONCRETE TEES.
- 5 5/8 INCH GYPSUM WALLBOARD.
3 5/8 INCH METAL STUD FRAMING SYSTEM. REFER TO STRUCTURAL DRAWINGS.
5/8 INCH GYPSUM WALLBOARD.
- 6 5/8 INCH GYPSUM WALLBOARD.
3 5/8 INCH METAL STUD FRAMING SYSTEM.
BATT INSULATION. REFER TO SPECIFICATIONS.
5/8 INCH GYPSUM WALLBOARD.
WALL TO EXTEND TO UNDERSIDE OF DECK.
- 7 5/8 INCH GYPSUM WALLBOARD.
6 INCH METAL STUD FRAMING SYSTEM. REFER TO STRUCTURAL DRAWINGS.
5/8 INCH GYPSUM WALLBOARD.
WALL TO EXTEND TO UNDERSIDE OF DECK.

Seal



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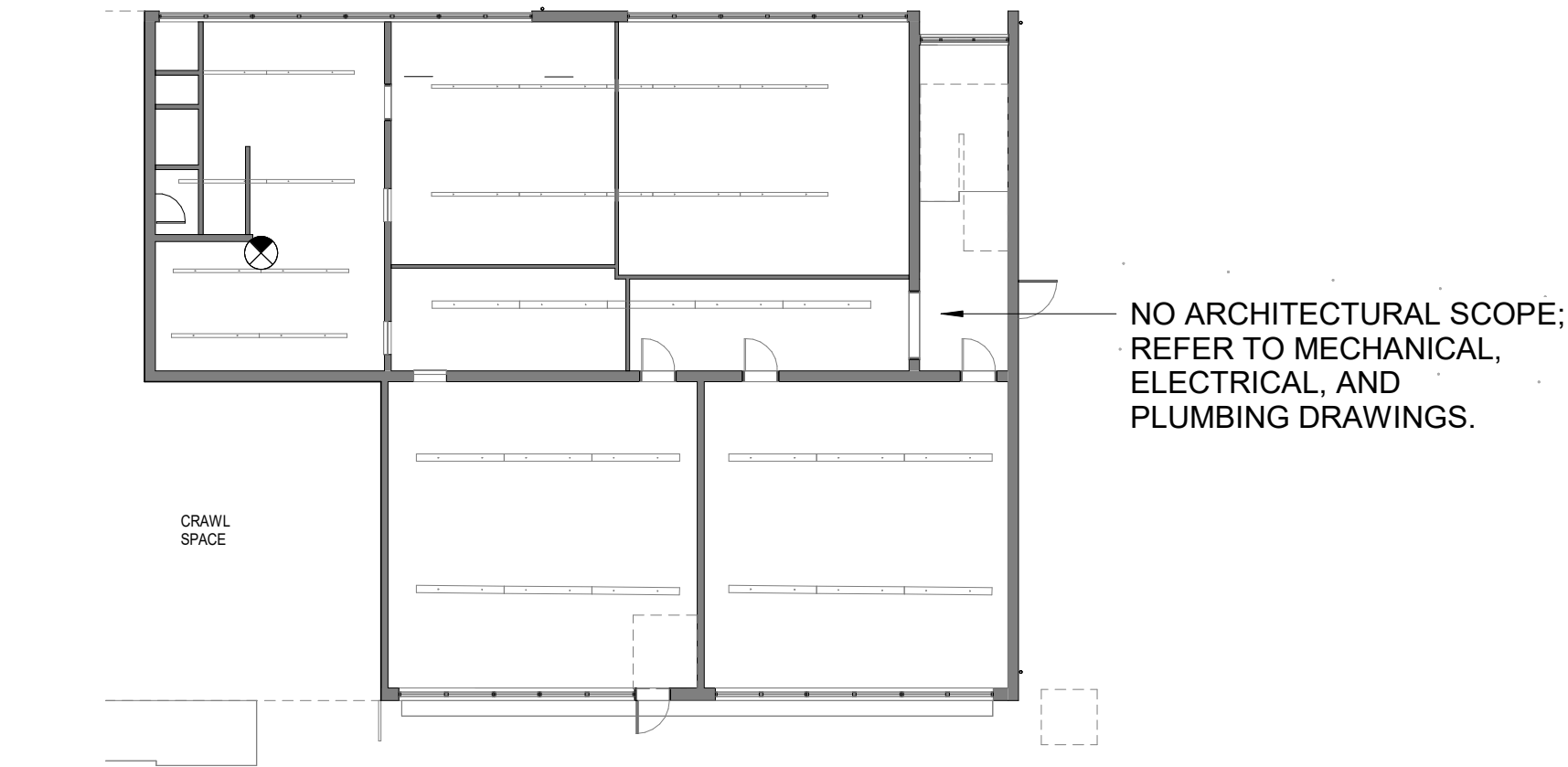
Revisions
A 7/20/26 Revision A

Drawing

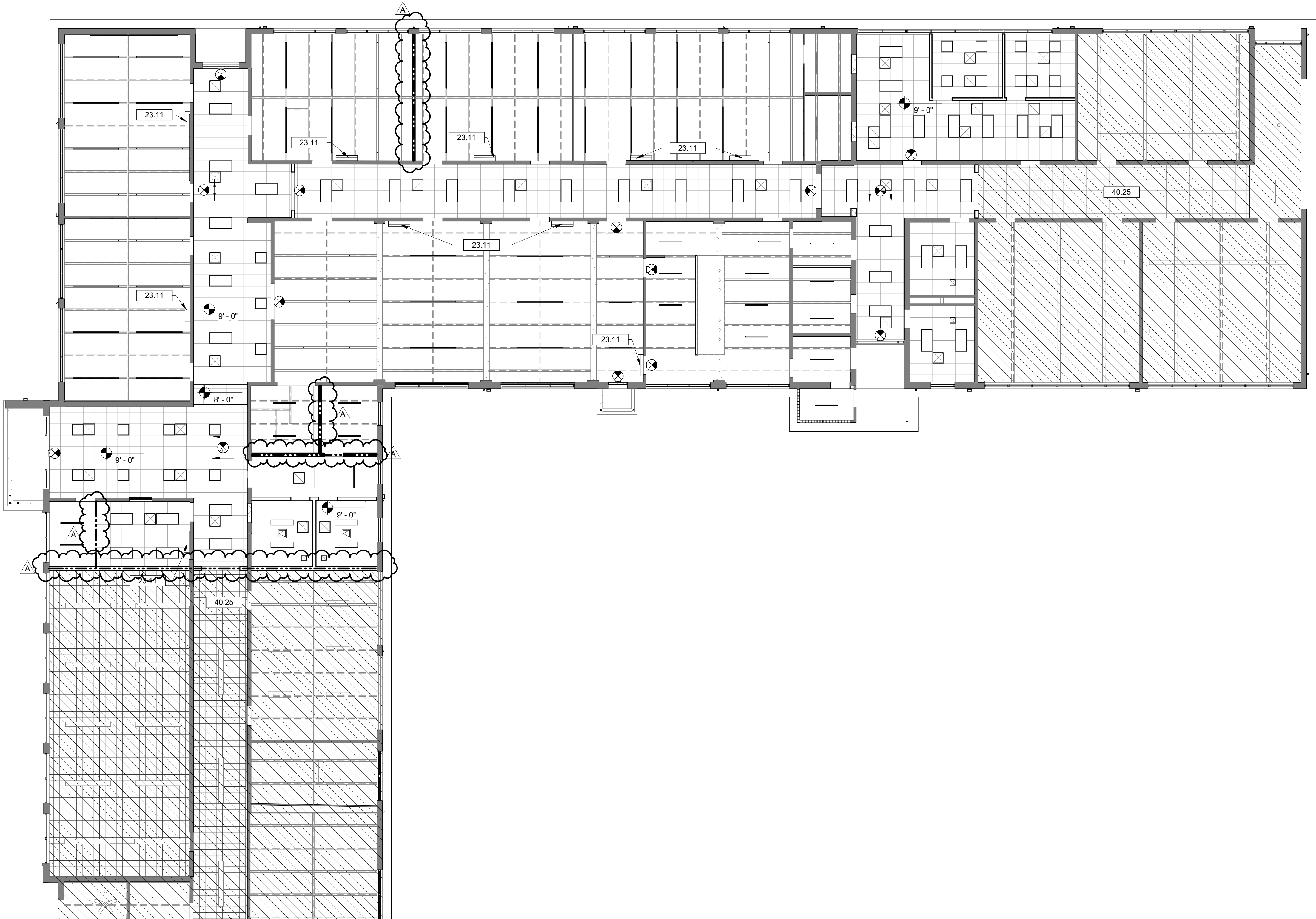
**NOTED AND
DIMENSIONED
FLOOR PLANS**

A1.01

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1 REFLECTED CEILING PLAN - LOWER FLOOR
A2.01 1/16" = 1'-0"



2 REFLECTED CEILING PLAN - MAIN FLOOR
A2.01 1" = 10'-0"

REFLECTED CEILING PLAN NOTES

- A. COORDINATE ALL LIGHTING TYPES WITH ELECTRICAL DRAWINGS.
- B. REFER TO ELECTRICAL DRAWINGS FOR ALL CEILING MOUNTED EXIT LIGHTS, SMOKE DETECTORS, SPEAKERS, FIRE ALARM DEVICES, ETC. FOR ITEMS NOT INDICATED ON THE REFLECTED CEILING PLAN, COORDINATE LOCATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.
- C. INSTALL ACCESS PANELS IN GYPSUM BOARD CEILINGS AND SOFFITS AND IN OTHER NON-ACCESSIBLE TYPE CEILINGS AND SOFFITS WHERE ACCESS, SERVICE OR ADJUSTMENT TO MECHANICAL PLUMBING OR ELECTRICAL ITEMS MAY BE REQUIRED. COORDINATE LOCATIONS AND SIZES WITH ARCHITECT.
- D. COORDINATE ALL HVAC MECHANICAL DEVICES WITH MECHANICAL DRAWINGS.
- E. IF AS-BUILT CONDITIONS DEMAND THAT A CEILING BOARD LARGER THAN 2'-0" IN ANY DIMENSION BE USED IN THE PERIMETER BOARDS OF A TYPICAL 2'X2' GRID, THEN THAT BOARD SHALL BE CUT FROM A 2'X4' BOARD. A DOUBLE WALL ANGLE SHALL NOT BE USED IN THE CEILING GRID SYSTEM.
- F. CEILING SUSPENSION SYSTEM TO MEET SEISMIC REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE CURRENT EDITION.
- G. LOCATE ALL TRACK & RECESSED FIXTURES AT THE CENTERLINE OF TILE UNLESS NOTED OTHERWISE. INSTALL ALL ELECTRICAL SYSTEM COMPONENTS WITHOUT INTERFERING WITH DUCTS, PIPES, BEAMS, ETC. LOCATE LIGHT FIXTURES SYMMETRICALLY, AS DIMENSIONED, OR AS INDICATED ON THE REFLECTED CEILING PLANS. IN THE EVENT OF CONFLICT, THE ARCHITECT WILL DECIDE WHICH ITEM TO RELOCATE WITHOUT REGARD TO WHICH WAS INSTALLED FIRST.
- H. COORDINATE ALL EXPOSED CEILING WORK WITH ALL TRADES, AND PROVIDE SKETCH (FOR PRE-INSTALLATION MEETING) OF ALL CONDUIT RUNS, JUNCTION BOXES, DUCTWORK AND SUPPORTS, PLUMBING (OVERHEAD) AND FIRE PROTECTION PIPING, IN EXPOSED CEILING AREAS. CONTRACTOR SHALL SCHEDULE A PRE-INSTALLATION COORDINATION MEETING WITH ALL TRADES REPRESENTED, INCLUDING ARCHITECT, WHERE FINAL APPROVAL FOR ALL ROUTING WILL BE GRANTED. ALL EQUIPMENT, PIPING OR ACCESSORIES INSTALLED IN THESE AREAS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.

DRAWING NOTES

- 23.11 MINI-SPLIT. REFER TO MECHANICAL DRAWINGS.
- 40.25 FIRE PROTECTION ONLY. REFER TO ELECTRICAL AND FIRE PROTECTION DRAWINGS.

REFLECTED CEILING PLAN LEGEND

- OPEN TO STRUCTURE ABOVE. PAINT.
- 2X2 ACOUSTICAL CEILING TILE
- GYPSUM BOARD CEILING
- 2x4 LED TROFFER
- 2X2 LED TROFFER
- 1X4 LED TROFFER
- 5' LINEAR LIGHT FIXTURE
- 7' LINEAR LIGHT FIXTURE
- 4' LINEAR LIGHT FIXTURE
- WALL TO EXTEND TO UNDERSIDE OF DECK

Seal



28 MAY 2026

DP3
ARCHITECTS

DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com

Project



**NEWBERRY COUNTY
GALLMAN PLACE
RENOVATION**

Project Number 23234 - B
Drawn By LTG
Checked By MTP
Date 28 MAY 2026

Revisions
A 7/20/26 Revision A

Drawing

**REFLECTED CEILING
PLANS**

A2.01

Copyright : These Drawings are the property of DP3 Architects, Ltd., and reuse on any other project without written permission will result in legal action.

DOOR SCHEDULE

MARK	LOCATION	TYPE	DOOR				RATING	SET	FRAME		COMMENTS
			HEIGHT	WIDTH	MATERIAL	AL/GL			TYPE	MATERIAL	
100A	ENTRY	D7	7'-9"	6'-0"	AL/GL			1	-	AL	
100B	CORRIDOR	D5	7'-0"	6'-0"	HM		90 MIN	9	DF3	HM	
101	STORAGE	D5	7'-0"	6'-0"	HM			6	DF3	HM	
102	MECH/ELEC	D8	7'-0"	3'-0"	WD			5	DF1	HM	
103	WOMEN	D8	7'-0"	3'-0"	WD			2	DF1	HM	
104	MEN	D8	7'-0"	3'-0"	WD			2	DF1	HM	
105	CORRIDOR	D7	7'-0"	6'-0"	AL/GL			1	-	AL	
106	CLASSROOM	D9	6'-8"	3'-0"	WD/GL			3	DF1	HM	
107A	CAFETERIA	D10	7'-0"	3'-0"	WD/GL			7	DF3	HM	
107B	CAFETERIA	D9	6'-8"	3'-0"	WD/GL			10	DF1	HM	
107C	CAFETERIA	D1	7'-0"	3'-0"	HM			8	DF1	HM	
108	CLASSROOM	D9	6'-8"	3'-0"	WD/GL			3	DF2	HM	
109	CLASSROOM	D9	6'-8"	3'-0"	WD/GL			3	DF4	HM	
110A	CORRIDOR	D10	7'-0"	6'-0"	WD/GL			7	DF3	HM	
110B	CORRIDOR	D5	7'-0"	6'-0"	HM			9	DF3	HM	
110C	CORRIDOR	D7	7'-0"	6'-0"	AL/GL			1	-	AL	
111	CLASSROOM	D9	6'-8"	3'-0"	WD/GL			3	DF4	HM	
112A	KITCHEN	D6	7'-0"	3'-0"	HM/GL			10	DF4	HM	
112B	KITCHEN	D6	7'-0"	3'-0"	HM/GL			10	DF4	HM	
112C	KITCHEN	D9	7'-0"	3'-0"	WD/GL			10	DF4	HM	
113	DRY STORAGE	D8	7'-0"	3'-0"	WD			5	DF4	HM	
114	UTILITY	D8	7'-0"	3'-0"	WD			5	DF4	HM	
115	SUPPLY/STORAGE	D8	7'-0"	3'-0"	WD			5	DF4	HM	
116	CLASSROOM	D9	6'-8"	3'-0"	WD/GL			3	DF4	HM	
116A	STORAGE	D8	7'-0"	3'-0"	WD			5	DF1	HM	
117A	STORAGE	D8	7'-0"	3'-0"	WD			5	DF4	HM	
117B	OFFICE	D9	6'-8"	3'-0"	WD/GL			4	DF1	HM	
117C	OFFICE	D9	6'-8"	3'-0"	WD/GL			4	DF1	HM	
117D	OFFICE	D9	6'-8"	3'-0"	WD/GL			4	DF2	HM	
117E	OFFICE	D8	7'-0"	3'-0"	WD			4	DF4	HM	
118	WOMENS RESTROOM	D8	7'-0"	3'-0"	WD			2	DF4	HM	
119	MENS RESTROOM	D8	7'-0"	3'-0"	WD			2	DF4	HM	
120A	SUPPLY/STORAGE	D1	7'-0"	3'-0"	HM				DF4	HM	
120B	JANITOR	D3	7'-0"	3'-0"	HM/GL				DF4	HM	
121	RISER ROOM	D8	7'-0"	3'-0"	WD				DF4	HM	
122	OFFICE	D9	6'-8"	3'-0"	WD/GL			4	DF4	HM	

HARDWARE SCHEDULE

QUANTITY	ITEM
HARDWARE SET 1 - DOUBLE SF - ENTRANCE FUNCTION - ACCESS CONTROL	
2	CONTINUOUS HINGE (BY STOREFRONT MANUFACTURER)
2	ELECTRIC STRIKE
2	PANIC DEVICE
2	BAR PULL
2	170 DEGREE CLOSER
1	THRESHOLD
1	WEATHERSTRIPPING ALL SIDES
1	ADA POWER ASSIST DOOR OPERATOR
HARDWARE SET 2 - SINGLE - RESTROOM PASSAGE FUNCTION	
3	PASSAGE BUTT HINGES
1	PASSAGE FUNCTION LOCKSET
1	CLOSER
1	WALL STOP
1	SILENCERS
3	
HARDWARE SET 3 - SINGLE - CLASSROOM LOCKSET	
3	BALL BEARING BUTT HINGES
1	CLASSROOM FUNCTION LOCKSET
1	CLOSER
1	PERMANENT CORE
1	KICK PLATE
1	WALL STOP
3	SILENCERS
HARDWARE SET 4 - SINGLE - OFFICE LOCKSET	
2	BALL BEARING BUTT HINGES
1	OFFICE FUNCTION LATCHSET
1	FLOOR STOP
	SILENCERS
HARDWARE SET 5 - SINGLE - STORAGE LOCKSET	
3	BALL BEARING BUTT HINGES
1	STORAGE FUNCTION LATCHSET
1	FLOOR STOP
3	SILENCERS
HARDWARE SET 6 - DOUBLE - STORAGE LOCKSET	
3	BALL BEARING BUTT HINGES
1	ELECTRIC STRIKE
1	STOREROOM FUNCTION LOCKSET
2	PANIC DEVICE
1	FLOOR STOP
3	SILENCERS
HARDWARE SET 7 - DOUBLE - PASSAGE FUNCTION	
6	BALL BEARING BUTT HINGES
1	RIM PANIC DEVICE
1	PASSAGE FUNCTION LATCHSET
2	170 DEGREE CLOSER WITH HOLD OPEN
2	FLOOR STOP
6	SILENCERS
HARDWARE SET 8 - SINGLE - ENTRANCE FUNCTION - ACCESS CONTROL	
1	CONTINUOUS HINGE
1	ELECTRIC STRIKE
1	ENTRANCE FUNCTION LOCKSET
1	PANIC DEVICE
1	170 DEGREE CLOSER WITH HOLD OPEN
1	FLOOR STOP
1	SILENCERS
3	
HARDWARE SET 9 - DOUBLE - ENTRANCE FUNCTION - ACCESS CONTROL	
6	BALL BEARING BUTT HINGES
1	PANIC DEVICE SURFACE VERTICDAL ROD
1	PASSAGE FUNCTION LATCHSET
2	170 DEGREE CLOSER WITH HOLD OPEN
2	FLOOR STOP
6	SILENCERS
HARDWARE SET 10 - SINGLE - PASSAGE FUNCTION	
3	BALL BEARING BUTT HINGES
1	PASSAGE FUNCTION LATCHSET
1	WALL STOP
3	SILENCERS

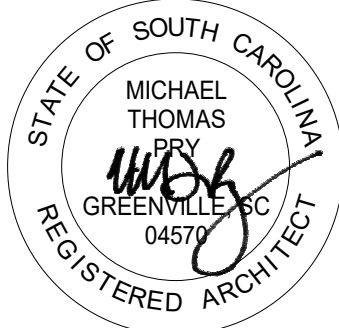
HARDWARE SCHEDULE NOTES

ITEM	MANUFACTURER
HARDWARE MANUFACTURERS (BASIS OF DESIGN) (FINISH 626 SATIN CHROME)	
BUTTS	VON DUPRIN
LOCKSETS / LATCHSETS	SCHLAGE: LATITUDE LEVER
MORTISE DEADBOLT	SCHLAGE
SECRET GATE LATCH	ROCKWOOD 602; US26D
METAL OFFSET LADDER PULLS	ROCKWOOD RM3312; US26D
METAL LADDER PULLS	ROCKWOOD RM3302; US26D
SURFACE BOLT	ROCKWOOD 582-8; US26D
CLOSERS	LCN
KICKPLATE / MOP PLATE / PUSH PLATE	IVES
DOOR STOPS	IVES
THRESHOLD	ZERO INTERNATIONAL; ADA COMPLIANT
WEATHERSTRIPPING	ZERO INTERNATIONAL
SILENCERS	IVES
ELECTRIC STRIKE	KAWNEER ADAMS RITE 7130
ACCESS CONTROL PANEL	ZKTECO C3-200PRO
ACCESS CONTROL READER	ZKTECO KR702E

GENERAL DOOR AND WINDOW NOTES

- A. PROVIDE TEMPERED GLAZING WHERE REQUIRED BY CODE.
B. ALL INTERIOR GLAZING TO BE 1/4" CLEAR GLAZING
C. KEYING TO BE DETERMINED BY OWNER.
D. FIELD VERIFY ALL EXISTING OPENINGS TO RECEIVE NEW DOORS.
E. ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED.

Seal



28 MAY 2026

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ARCHITECTS

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Greenville, SC 29601
864.232.8200
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Project



NEWBERRY COUNTY
GALLMAN PLACE
RENOVATION

Project Number 23234 - B
Drawn By LTG
Checked By MTP
Date 28 MAY 2026

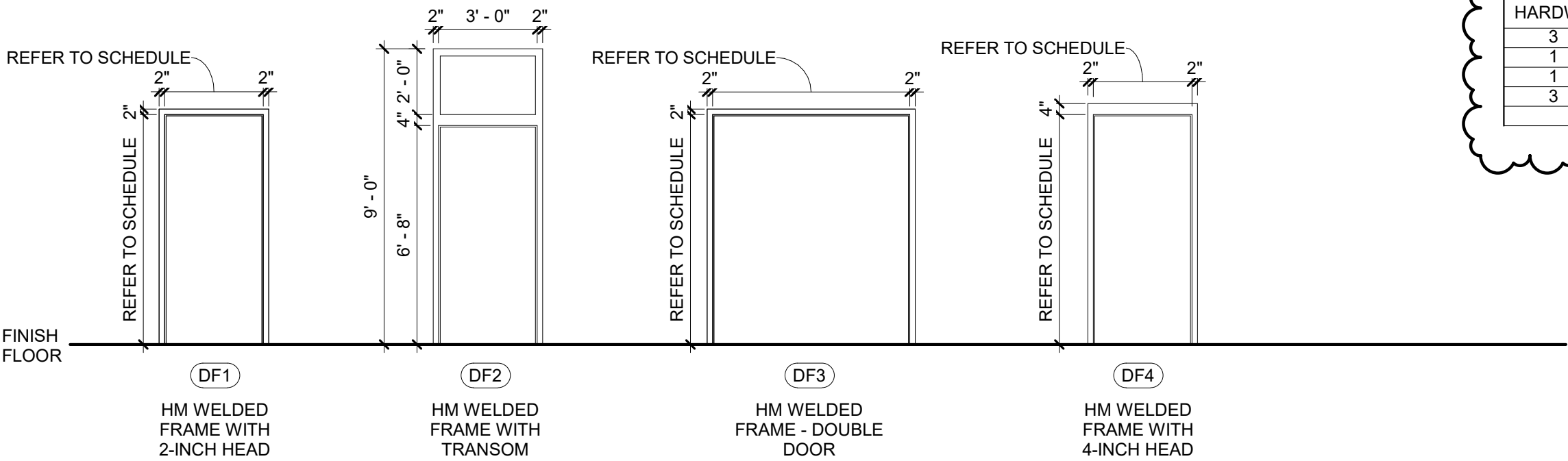
Revisions

A 7/20/26 Revision A

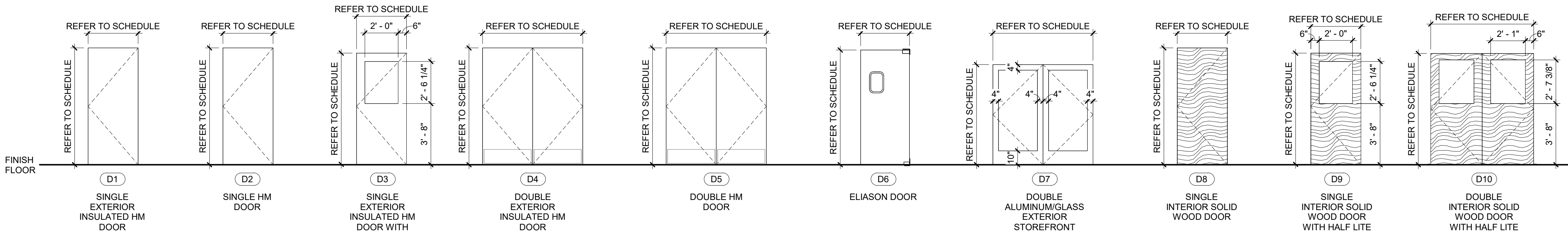
Drawing

DOOR AND
HARDWARE
SCHEDULE

A10.01



FRAME TYPE LEGEND



DOOR TYPE LEGEND

125861 Springhill/ Gallman

PART 3 EXECUTION 3.01 SUBSTITUTION PROCEDURES

A. Document each request with complete data substantiating compliance of proposed substitution with Contract Documents.

[Attached](#)

D. A request for substitution constitutes a representation that the submitter:

1. Has investigated proposed product and determined that it meets or exceeds the quality level of the specified product. [Yes](#)

2. Will provide the same warranty for the substitution as for the specified product. [Yes](#)

3. Will coordinate installation and make changes to other Work that may be required for the Work to be complete with no additional cost to Owner. [Does not apply for this request](#)

4. Waives claims for additional costs or time extension that may subsequently become apparent. [Does not apply for this request](#)

E. Substitutions will not be considered when they are indicated or implied on shop drawing or product data submittals, without separate written request, or when acceptance will require revision to the Contract Documents. [Will not require revisions to the Contract Documents.](#)

CTW Doors

July 12, 2026

125861 Springhill/ Gallman

F. Substitution Submittal Procedure:

1. Submit one digital copy of request for substitution for consideration. Limit each request to one proposed substitution.

Attached

2. Submit shop drawings, product data, and certified test results attesting to the proposed product equivalence. Burden of proof is on proposer. Shop drawings will be the same with the new product as the products within the specs. Product data attached.

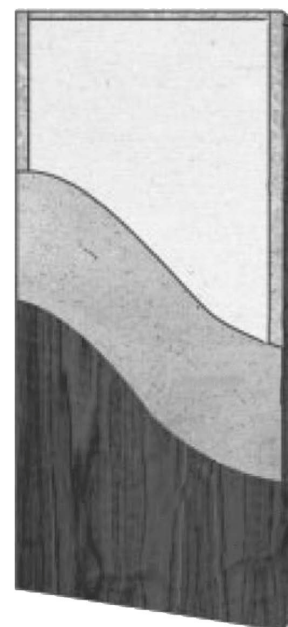
3. The Architect will notify Contractor in writing of decision to accept or reject request.

Reviewed By:	☒ Architect	☐ Consultant	☐ Others
☒ Reviewed	Fabrication/installation may be undertaken. Approval does not authorize changes in the Contract Sum or Time unless documented by Change Order or Construction Change Directive.		
☐ Furnish as corrected			
☐ Rejected	Fabrication/installation may not be undertaken. In resubmitting, limit corrections to the item(s) marked.		
☐ Revise and resubmit			
☐ Submit specific items			
This review is for general conformance with the design concept of the Project and general compliance with the information given in the Contract Documents. Corrections or comments made on the shop drawings during this review do not relieve Contractor from compliance with the requirements of the plans and specifications. Approval of a specific item shall not include approval of an assembly of which the item is a component. Contractor is responsible for: dimensions to be confirmed and correlated at the jobsite; information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences, and procedures of construction; coordination of the Work of all trades; and for performing all work in a safe and satisfactory manner.			
DP3 ARCHITECTS, LTD. INITIALS: <u>LTG</u> DATE: <u>7/16/2026</u>			

VT ARCHITECTURAL WOOD DOORS NOT
ACCEPTED - A10.01 CALLS FOR SOLID
WOOD DOORS. TELL - SPARTAN HOLLOW
METAL DOOR AND FRAME ACCEPTED.

WOOD VENEER, HPDL, OR MDO **NOT ACCEPTED.**

THICKNESS	1-3/4", 2", or 2-1/4" (± 1/16")
MAXIMUM SIZE	Please consult VT; See fire capability chart for rated doors
CORE	Fire Composite Core (Pyroforce)
VERTICAL EDGES (STILES)	Fire Composite material with intumescent and matching/compatible wood/veneer or matching HPDL edges
HORIZONTAL EDGES (TOP & BOTTOM RAILS)	Fire composite material; surface applied intumescent on the top rail only - sealed top & bottom rails+
FACES	Wood veneer, HPDL Horizontal Grade Standard (HGS) meets NEMA standard LD-3, or MDO
CROSSBANDS	High Density Fiberboard (HDF), 20% of door construction weight, Pre-consumer recycled material
STANDARD BEVEL	1/8" in 2" or 3°
FINISH	Wood veneer: WDMA TR-8/AWS System 9 (UV Cured Acrylated Polyurethane); laminate: woodgrains, solid colors, & patterns
VENEER MATCH / FACE ASSEMBLY	Book match standard. Slip or random available; face assembly: running match standard, center, balanced, or center balanced available
ADHESIVE	Type 1 adhesive
FACTORY MACHINING	Pre-drilled hinge pilot holes; all cutouts for mortise hardware should be made at the factory from hardware manufacturer's templates & approved shop drawings
QUALITY STANDARDS	WDMA I.S. 1-A & AWS, Section 9 Quality Standards (Bonded Core)
WDMA PERFORMANCE LEVEL	Heavy duty. For extra heavy duty, blocking for hardware is required
SUSTAINABILITY	- CARB Phase 2 / TSCA VI Compliant - GREENGUARD GOLD or SCS Indoor Advantage Gold - FSC upon request, Consult VT for LEED documentation - Environmental Product Declaration (EPD) - Health Product Declaration (HPD)
DOOR WEIGHT	Approx. 8.5 lbs./sq. ft.
WARRANTY	Limited Lifetime, Interior use only. View warranty.



FD-5 (VFRE, PFRE)

+ DEPENDING ON HARDWARE 45- & 60-MINUTE SINGLE DOORS MAY QUALIFY FOR SCL STILE OR RAIL MATERIAL.

ADDITIONAL DOOR FEATURES

PAIRS & SETS: Pair match standard, set match available

DOORS/TRANSOMS: Continuous match standard, End or no match available

CUTOUTS: 5" minimum distance from door edge & the minimum distance between lite & lock cut out is 3-1/2". 5" Lite to lite.

CLEARANCES: 1/8" top, 1/8" lock & hinge stiles. See NFPA-80 6.3.1.7. Bottom clearance 3/4" max (bottom of the door to top finish floor) See NFPA-80 4.8.4.

SECURITY RATING: Class 40, ASTM 476 (highest rating possible)

LABELING: Positive pressure, Category A 20-minute Intertek/Warnock Hersey fire labels per NFPA 80 4.2. Fire-rated doors must use approved lite frames, UL 10C

PACKAGING: Doors shall be individually poly-bagged by request for protection & marked as per tag openings on shop drawings

ACCESSORIES: Door bottoms, sweeps, thresholds, gasketing, lite kits & glass may be supplied by VT or others.

VT INDUSTRIES RESERVES THE RIGHT TO CHANGE DESIGN AND/OR DETAILS OF ITS PRODUCTS WITHOUT NOTICE.

Hollow Metal

SPARTAN DOORS

Spartan Door and Frames are manufactured from high quality galvanized steel and are thoroughly cleaned inside and out to insure excellent corrosion resistance and paint adhesion. They come standard with a prime coat, ready to be finished.

Our Spartan Door are available in 18 and 20 gauge steel. All doors come with a polystyrene core as standard, making every door smoother, flatter, and stronger.

DOOR FEATURES

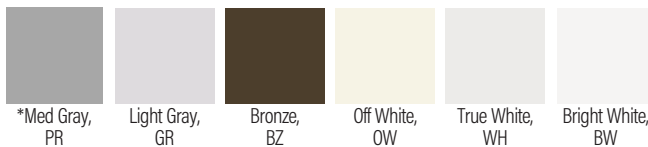
Door	18 and 20 gauge galvanized steel
Paint	- Prime medium gray standard* - Other colors available - Custom colors are available, contact customer service
Hinge Prep	Non-handed 4-1/2" - 7 gauge hinge reinforcements, accommodates heavyweight hinges
Fire Rated	Up to 3 hours are certified by Underwriters Laboratories
Channels	16 gauge inverted top and bottom channel
Insulation	- Polystyrene core standard - Polyurethane option available
Top Cap	Installed steel cap standard
Closer Prep	14 gauge reinforced steel, standard

The Spartan Frames are knock-down construction and are designed to be installed on standard and non-standard wall sizes over pre-finished or unfinished drywall.

FRAME FEATURES

Frame	16 gauge galvanized steel - Knockdown construction - Precision mitered corners - Easy installation
Paint	Prime medium gray standard*
Closer Prep	14 gauge reinforced steel, standard
Fire Rated	Up to 3 hours are certified by Underwriters Laboratories
Hinge Prep	- Non-handed 4-1/2" - 7 gauge hinge reinforcements - Accommodates heavyweight hinges
Strike Prep	ASA strike ready

PAINT OPTIONS



Actual colors may vary from those shown.



Hollow Metal Drywall & Masonry

SPARTAN FRAMES

Frames are knock-down construction and are designed to be installed on standard and non-standard wall sizes over pre-finished or unfinished drywall.

FRAME FEATURES

- | | |
|--------------------|--|
| Frame | <ul style="list-style-type: none"> 16 Gauge Galvannealed Steel Knockdown construction Precision Mitered Corners Easy Installation |
| Paint | <ul style="list-style-type: none"> Prime medium gray paint standard* Other paint colors available Custom colors are available, contact customer service |
| Closer Prep | <ul style="list-style-type: none"> 14 gauge reinforced steel, standard |
| Fire Rated | <ul style="list-style-type: none"> Up to 3 hours are certified by Underwriters Laboratories |
| Hinge Prep | <ul style="list-style-type: none"> Non-handed 4-1/2" - 7 gauge hinge reinforcements Accommodates heavyweight hinges |
| Strike Prep | <ul style="list-style-type: none"> ASA strike ready |

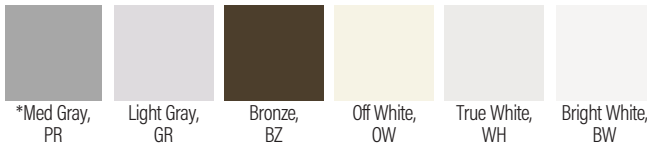


7 gauge hinge reinforcements



ASA strike ready

PAINT OPTIONS



Actual colors may vary from those shown.





FRM Lighting and Controls
75 Beattie Place, Suite 805
Greenville SC 29601
Phone: (864) 920-7710

Date: Jul 16, 2026

Job Name
NEWBERRY COUNTY GALLMAN PLACE COMMUNITY CENTER RENOVATION
FRM-GREENVILLE26-164793
NEWBERRY SC

Reviewed By:	☒ Architect	☐ Consultant	☐ Others
☒ Reviewed	Fabrication/installation may be undertaken. Approval does not authorize changes in the Contract Sum or Time unless documented by Change Order or Construction Change Directive.		
☐ Furnish as corrected			
☐ Rejected	Fabrication/installation may not be undertaken. In resubmitting, limit corrections to the item(s) marked.		
☐ Revise and resubmit			
☐ Submit specific items			
This review is for general conformance with the design concept of the Project and general compliance with the information given in the Contract Documents. Corrections or comments made on the shop drawings during this review do not relieve Contractor from compliance with the requirements of the plans and specifications. Approval of a specific item shall not include approval of an assembly of which the item is a component. Contractor is responsible for: dimensions to be confirmed and correlated at the jobsite; information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences, and procedures of construction; coordination of the Work of all trades; and for performing all work in a safe and satisfactory manner.			
DP3 ARCHITECTS, LTD. INITIALS: <u>LTG</u> DATE: <u>7/20/2026</u>			

Bid Date
Jul 21, 2026

Submittal Date
Jul 8, 2026

APPROVED.

Architect:
DP3 ARCHITECTS-GREENVILLE
15 S. MAIN ST SUITE 400
GREENVILLE SC 29601

Engineer:
DEVITA & ASSOCIATES, INC.
1150 E WASHINGTON STREET
GREENVILLE SC 29601



Transmittal

FRM Lighting and Controls
75 Beattie Place, Suite 805
Greenville SC 29601
Phone: (864) 920-7710
From: KIRK WILLIAMS-GR

Project NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION

Quote# FRM-GREENVILLE26-164793

Location NEWBERRY SC

Contact:

ATTACHED WE ARE SENDING YOU 1 COPY OF THE FOLLOWING ITEM:

- | | | |
|-----------------------------------|--|--------|
| ☐ Drawings | ☒ Specifications | Other: |
| ☐ Prints | ☒ Information | |
| ☐ Plans | ☒ Submittals | |

THESE ARE TRANSMITTED FOR:

- | | | |
|--|---|---------------------------------|
| ☒ Prior Approval | ☐ Resubmittal for Approval | ☐ Record |
| ☐ Approval | ☐ Corrections | Bids due on: |
| ☐ Approval as Submitted | ☐ Your Use | Other: |
| ☐ Approval as Noted | ☐ Review and Comment | |

Type	MFG	Part
EMO	ISOLITE	ODLE-20-EM-BA-XX-SD
F2H	COLUMBIA LIGHTING	CBT22-B-LSCS-EDD
F2L	COLUMBIA LIGHTING	CBT22-B-LSCS-EDD
F2LE	COLUMBIA LIGHTING	CBT22-B-LSCS-EDD-ELL14
F4H	COLUMBIA LIGHTING	CBT24-B-LSCS-EDD
F4HE	COLUMBIA LIGHTING	CBT24-B-LSCS-EDD-ELL14
F4M	COLUMBIA LIGHTING	CBT24-B-LSCS-EDD
F4ME	COLUMBIA LIGHTING	CBT24-B-LSCS-EDD-ELL14
L44	CORONET	LS4 4FT 35 1000LMF UNV DB1 W WM FL NA NA NA
L48	CORONET	LS4 8FT 35 1000LMF UNV DB1 W WM FL NA NA NA
L48E	CORONET	LS4 8FT 35 1000LMF UNV DB1 W WM FL NA EMPCK NA
ST4	COLUMBIA LIGHTING	MPS4-35HL-CN-ED1U
ST4E	COLUMBIA LIGHTING	MPS4-35HL-CN-ED1U-ELL14
ST8	COLUMBIA LIGHTING	MPS8-35HL-CN-ED1U
ST8E	COLUMBIA LIGHTING	MPS8-35HL-CN-ED1U-ELL14
ST47	COLUMBIA LIGHTING	MPS4-35VL-CN-ED1U
ST47E	COLUMBIA LIGHTING	MPS4-35VL-CN-ED1U-ELL14
V	SLG LIGHTING (SPRING LED)	VNT 36 S LS26 G1 9FSK BN
WP	BEACON LIGHTING	VPW-2-48L-20-4K7-3-UNV-DBT-PC
WPE	BEACON LIGHTING	VPW-2-48L-20-4K7-3-UNV-DBT-PC-E
X	COMPASS	CERG
OCC	NX LIGHTING CONTROLS	LHRDMMTS2-N-WH
OS	NX LIGHTING CONTROLS	LHRMTS1-N-WH
W OCC	NX LIGHTING CONTROLS	LODT
D	NX LIGHTING CONTROLS	RSD0108-UNV-WH
PP	NX LIGHTING CONTROLS	UVPPHD+

Submitted by FRM Lighting and Controls		Catalog Number: ODLE-20-EM-BA-XX-SD	Type: EMO
	Job Name: NEWBERRY COUNTY GALLMAN PLACE COMMUNITY CENTER RENOVATION Architect: DP3 ARCHITECTS-GREENVILLE (GREENVILLE)	Notes:	
		FRM-GREENVILLE26-164793	



ODLE

LED Outdoor Egress Emergency Light

DATE:	COMMENTS:
PROJECT:	



FEATURES

- Extremely low profile, formed aluminum housing.
- Available in brushed aluminum, bronze, white or black finish.
- Lamps are connected in parallel. If one lamp fails, one or more lamps will continue in operation
- Standard CCT 5000K, with 2900K, 3200K and 3800K options available
- Over 50,000 hour lamp life in normal use
- IES photometric data available for all models
- 10W version with 546 lumen output
- 20W version with 1155 lumen output



ORDERING INFORMATION ODLE-10-AC-BA-MTB

1. SERIES	2. VA RATING	3. OPERATION	4. HOUSING COLOR
ODLE	10 10 Watt 20 20 Watt	AC AC Only EM Battery Backup	BA Brushed Aluminum BK Black BZ Bronze WH White
5. MOUNTING	6. OPTIONS		ORDERING NOTES
MT Top Mount MB Back Mount	BLANK = NO OPTION SD Self-Diagnostics C1 Dual Circuit (120V) ¹ C2 Dual Circuit (277V) ¹ 2900K 2900K Lens Filter 3200K 3200K Lens Filter 3800K 3800K Lens Filter		1. Only available with AC operation.
		NL120 Nightlight (120V Non SD Version) NL277 Nightlight (277V Non SD Version) NLX Nightlight (SD Version)	

SPECIFICATIONS

CONSTRUCTION

- Low profile, formed aluminum housing
- Full 90° cut-off
- Lamp housing and canopy are fabricated from extruded aluminum
- Enamel or anodized finishes, with rugged sealed diffuser lens
- Stainless steel hardware

ELECTRONICS

- Universal 120/277 VAC input for standard
- Power supply delivers regulated current and voltage to LED lamps at optimum levels to maximize lamp life
- Automatic battery diagnostics available for battery models

TEMPERATURE RATING

- EM:** Backup Battery: -4°F to 104°F

APPROVALS

- UL 924
- NFPA 101 Life Safety Code
- IP66
- BAA Compliant

WARRANTY

Isolite offers a 5-year limited warranty. For further details, refer to General Warranty and Obligations in the Isolite manual or on our website. Lamps not warranted.

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

CBT22-B-LSCS-EDD

Notes:

Type:**F2H**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

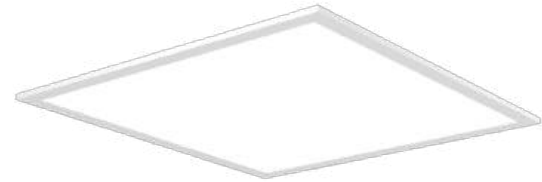
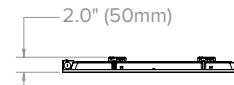
BACK-LIT TROFFER

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

tradeSELECT®

FEATURES

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4, 2x2)
5500/4400/3300 lumens (2x4)
- Switchable CCT technology: 3500/4000/5000K
- 0-10V 1% Dim to Off driver (standard) provides superior dimming capabilities
- IC rated
- Back-lit design and frosted lens provides smooth, even illumination across the face of the luminaire
- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures

**SERVICE PROGRAMS****STOCK**

Typical Dimensions and Weights

	CBT14 (1x4)	CBT22 (2x2)	CBT24 (2x4)
Length	11.9" / 303 mm	23.7" / 603 mm	23.7" / 603 mm
Width	47.8" / 1213 mm	23.7" / 603 mm	47.8" / 1213 mm
Height	2.0" / 50 mm	2.0" / 50 mm	2.0" / 50 mm
Weight*	4.99lbs / 2.26kg	4.92lbs / 2.23kg	9.37lbs / 4.25kg

SPECIFICATIONS**CONSTRUCTION**

- Aluminum lens frame has a matte white finish
- Luminaire housing is die formed code-gauge steel
- Low profile design is ideal for shallow plenum applications

OPTICS

- Acrylic micro-optics over each LED provide edge to edge illumination without pixelation or bright spots
- Frosted acrylic textured lens provides smooth surface brightness

INSTALLATION

- Integral T-bar clips for secure mounting to 9/16" and 15/16" grid ceiling
- For surface mount applications use surface mount kit accessories
- For plaster or sheet rock installations, use flange kit accessories
- For cable mount applications use surface mount kit accessory and cable kit accessory

ELECTRICAL

- 60,000 hour LEDs at L90 for reduced maintenance
- Operates at 120–347V. 1V minimum low-end trim recommended when paired with a 0-10V dimmer
- 0–10V 1% Dim to Off driver is standard. See additional info on page 6
- Switchable luminaire default settings at highest lumen output and 3500K

PACKAGING

- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures. It should be noted in receiving documents that one master carton includes four individually boxed fixtures and should be received as four fixtures
- Ordering example; If a customer orders 21 fixtures they will receive (5) master cartons containing four fixtures and (1) individually boxed fixture.

CERTIFICATIONS

- All luminaires are built to UL 1598 standards and bear appropriate cULus labels
- Damp location label standard
- Adheres to LM79, LM80, and TM21 industry standards for photometrics and lifetime calculations
- DLC® (DesignLights Consortium Qualified.) Please refer to the DLC website for specific product qualifications at www.designlights.org
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- Tested in accordance with ISO 14644-1; suitable for ISO Class 4 positive and negative pressure clean rooms

WARRANTY

- 5 year warranty

KEY DATA

Lumen Range	2856 - 5997
Wattage Range	23W - 45W
Efficacy Range (LPW)	113 - 143
Reported Life (Hours)	L90/60,000

Columbia
LIGHTING

CBT LSCS 120-347V

BACK-LIT TROFFER

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

ORDERING GUIDE

Example: CBT24-B-LSCS-EDD

CATALOG #

Model	Size	Generation	Selectable	Driver
CBT Back-lit Troffer	14 1x4 22 2x2 24 2x4	B Generation B	LSCS Lumen Selectable, CCT Selectable	EDD 0-10V Dim to Off ¹

Notes:

1 EDD - Dim to Off Standard. See additional detail on page 6

STOCKED OPTIONS

Catalog No.	SKU UPC	Master Carton UPC	Description	Setting	Lumens			Watts	LPW			Weight	Carton QTY	DLC	
					3500K	4000K	5000K		3500K	4000K	5000K				
☐	CBT14-B-LSCS-EDD	840141435312	10840141435319	1x4 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2856	3012	2957	23	124	131	129	4.99 lbs. (2.19kg)	4	S-CNZD50
				MED	3323	3521	3438	27	123	130	127				
				HIGH	4423	4761	4577	39	113	122	117				
☐	CBT22-B-LSCS-EDD	840141435299	10840141435296	2x2 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2955	3091	3040	23	128	134	132	4.92lbs (2.23kg)	4	S-DMXVQI
				MED	3437	3616	3542	27	127	134	131				
				HIGH	4593	4897	4714	38	121	129	124				
☐	CBT24-B-LSCS-EDD	840141435305	10840141435302	2x4 Back-Lit Troffer; 5500/4400/3300 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	3457	3564	3545	25	138	143	142	9.37 lb (4.25 kg)	4	S-EJO95G S-VGWHF3
				MED	4610	4791	4722	35	132	137	135				
				HIGH	5727	5997	5858	45	127	133	130				

Bold indicates default settings

MADE TO ORDER OPTIONS

Factory Installed Flexible Conduit & Battery Options

Catalog Number	UPC	Description	Carton Qty
☐ CBT14-B-LSCS-EDD-ELL14 *	840141441702	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT22-B-LSCS-EDD-ELL14 *	840141441771	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT24-B-LSCS-EDD-ELL14 *	840141441863	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT14-B-LSCS-EDD-C588	840141441696	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-C588	840141441764	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-C588	840141441856	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT14-B-LSCS-EDD-ELL14-C688 *	840141441719	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-ELL14-C688 *	840141441788	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-ELL14-C688 *	840141441870	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1

* ELL14 options are only available for use with 120-277V.

* ELL14 option uses a 10 watt Emergency Battery. To determine lumen output in emergency mode, multiply 10w by the fixture lumens per watt (LPW). EX: 10w x 123LPW = 1230 Lumens in Emergency Mode

* CBT Gen B fixtures with factory installed ELL14 option require a remote mounted test switch. A wall test switch plate is included with each CBT that has a factory installed ELL14 option, standard.

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Rev 04/01/26
COL_CBT_B-120-347_LSCS_spec_R08

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

CBT22-B-LSCS-EDD

Notes:

Type:**F2L**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

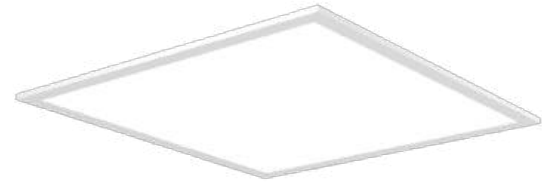
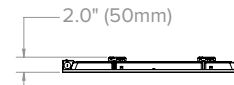
BACK-LIT TROFFER

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

tradeSELECT®

FEATURES

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4, 2x2)
5500/4400/3300 lumens (2x4)
- Switchable CCT technology: 3500/4000/5000K
- 0-10V 1% Dim to Off driver (standard) provides superior dimming capabilities
- IC rated
- Back-lit design and frosted lens provides smooth, even illumination across the face of the luminaire
- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures

**SERVICE PROGRAMS****STOCK**

Typical Dimensions and Weights

	CBT14 (1x4)	CBT22 (2x2)	CBT24 (2x4)
Length	11.9" / 303 mm	23.7" / 603 mm	23.7" / 603 mm
Width	47.8" / 1213 mm	23.7" / 603 mm	47.8" / 1213 mm
Height	2.0" / 50 mm	2.0" / 50 mm	2.0" / 50 mm
Weight*	4.99lbs / 2.26kg	4.92lbs / 2.23kg	9.37lbs / 4.25kg

SPECIFICATIONS**CONSTRUCTION**

- Aluminum lens frame has a matte white finish
- Luminaire housing is die formed code-gauge steel
- Low profile design is ideal for shallow plenum applications

OPTICS

- Acrylic micro-optics over each LED provide edge to edge illumination without pixelation or bright spots
- Frosted acrylic textured lens provides smooth surface brightness

INSTALLATION

- Integral T-bar clips for secure mounting to 9/16" and 15/16" grid ceiling
- For surface mount applications use surface mount kit accessories
- For plaster or sheet rock installations, use flange kit accessories
- For cable mount applications use surface mount kit accessory and cable kit accessory

ELECTRICAL

- 60,000 hour LEDs at L90 for reduced maintenance
- Operates at 120–347V. 1V minimum low-end trim recommended when paired with a 0-10V dimmer
- 0–10V 1% Dim to Off driver is standard. See additional info on page 6
- Switchable luminaire default settings at highest lumen output and 3500K

PACKAGING

- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures. It should be noted in receiving documents that one master carton includes four individually boxed fixtures and should be received as four fixtures
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CERTIFICATIONS

- All luminaires are built to UL 1598 standards and bear appropriate cULus labels
- Damp location label standard
- Adheres to LM79, LM80, and TM21 industry standards for photometrics and lifetime calculations
- DLC® (DesignLights Consortium Qualified.) Please refer to the DLC website for specific product qualifications at www.designlights.org
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- Tested in accordance with ISO 14644-1; suitable for ISO Class 4 positive and negative pressure clean rooms

WARRANTY

- 5 year warranty

KEY DATA

Lumen Range	2856 - 5997
Wattage Range	23W - 45W
Efficacy Range (LPW)	113 - 143
Reported Life (Hours)	L90/60,000

Columbia
LIGHTING

CBT LSCS 120-347V

BACK-LIT TROFFER

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

ORDERING GUIDE

Example: CBT24-B-LSCS-EDD

CATALOG # _____

Model	Size	Generation	Selectable	Driver
CBT Back-lit Troffer	14 1x4 22 2x2 24 2x4	B Generation B	LSCS Lumen Selectable, CCT Selectable	EDD 0-10V Dim to Off ¹

Notes:

1 EDD - Dim to Off Standard. See additional detail on page 6

STOCKED OPTIONS

Catalog No.	SKU UPC	Master Carton UPC	Description	Setting	Lumens			Watts	LPW			Weight	Carton QTY	DLC	
					3500K	4000K	5000K		3500K	4000K	5000K				
☐	CBT14-B-LSCS-EDD	840141435312	10840141435319	1x4 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2856	3012	2957	23	124	131	129	4.99 lbs. (2.19kg)	4	S-CNZD50
				MED	3323	3521	3438	27	123	130	127				
				HIGH	4423	4761	4577	39	113	122	117				
☐	CBT22-B-LSCS-EDD	840141435299	10840141435296	2x2 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2955	3091	3040	23	128	134	132	4.92lbs (2.23kg)	4	S-DMXVQI
				MED	3437	3616	3542	27	127	134	131				
				HIGH	4593	4897	4714	38	121	129	124				
☐	CBT24-B-LSCS-EDD	840141435305	10840141435302	2x4 Back-Lit Troffer; 5500/4400/3300 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	3457	3564	3545	25	138	143	142	9.37 lb (4.25 kg)	4	S-EJO95G S-VGWHF3
				MED	4610	4791	4722	35	132	137	135				
				HIGH	5727	5997	5858	45	127	133	130				

Bold indicates default settings

MADE TO ORDER OPTIONS

Factory Installed Flexible Conduit & Battery Options

Catalog Number	UPC	Description	Carton Qty
☐ CBT14-B-LSCS-EDD-ELL14 *	840141441702	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT22-B-LSCS-EDD-ELL14 *	840141441771	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT24-B-LSCS-EDD-ELL14 *	840141441863	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT14-B-LSCS-EDD-C588	840141441696	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-C588	840141441764	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-C588	840141441856	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT14-B-LSCS-EDD-ELL14-C688 *	840141441719	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-ELL14-C688 *	840141441788	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-ELL14-C688 *	840141441870	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1

* ELL14 options are only available for use with 120-277V.

* ELL14 option uses a 10 watt Emergency Battery. To determine lumen output in emergency mode, multiply 10w by the fixture lumens per watt (LPW). EX: 10w x 123LPW = 1230 Lumens in Emergency Mode

* CBT Gen B fixtures with factory installed ELL14 option require a remote mounted test switch. A wall test switch plate is included with each CBT that has a factory installed ELL14 option, standard.

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COL_CBT_B-120-347_LSCS_spec_R08

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

CBT22-B-LSCS-EDD-ELL14

Notes:

Type:**F2LE**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

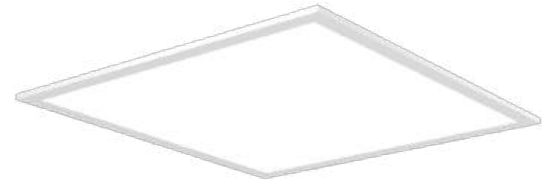
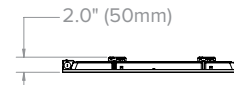
BACK-LIT TROFFER

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

tradeSELECT®

FEATURES

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Height	2.0" / 50 mm	2.0" / 50 mm	2.0" / 50 mm
Weight*	4.99lbs / 2.26kg	4.92lbs / 2.23kg	9.37lbs / 4.25kg

SPECIFICATIONS**CONSTRUCTION**

- Aluminum lens frame has a matte white finish
- Luminaire housing is die formed code-gauge steel
- Low profile design is ideal for shallow plenum applications

OPTICS

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- Frosted acrylic textured lens provides smooth surface brightness

INSTALLATION

- Integral T-bar clips for secure mounting to 9/16" and 15/16" grid ceiling
- For surface mount applications use surface mount kit accessories
- For plaster or sheet rock installations, use flange kit accessories
- For cable mount applications use surface mount kit accessory and cable kit accessory

ELECTRICAL

- 60,000 hour LEDs at L90 for reduced maintenance
- Operates at 120–347V. 1V minimum low-end trim recommended when paired with a 0-10V dimmer
- 0–10V 1% Dim to Off driver is standard. See additional info on page 6
- Switchable luminaire default settings at highest lumen output and 3500K

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- Damp location label standard
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- DLC® (DesignLights Consortium Qualified.) Please refer to the DLC website for specific product qualifications at www.designlights.org
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- Tested in accordance with ISO 14644-1; suitable for ISO Class 4 positive and negative pressure clean rooms

WARRANTY

- 5 year warranty

KEY DATA

Lumen Range	2856 - 5997
Wattage Range	23W - 45W
Efficacy Range (LPW)	113 - 143
Reported Life (Hours)	L90/60,000

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Columbia
LIGHTING

CBT LSCS 120-347V

BACK-LIT TROFFER

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

ORDERING GUIDE

Example: CBT24-B-LSCS-EDD

CATALOG #

Model	Size	Generation	Selectable	Driver
CBT Back-lit Troffer	14 1x4 22 2x2 24 2x4	B Generation B	LSCS Lumen Selectable, CCT Selectable	EDD 0-10V Dim to Off ¹

Notes:

1 EDD - Dim to Off Standard. See additional detail on page 6

STOCKED OPTIONS

Catalog No.	SKU UPC	Master Carton UPC	Description	Setting	Lumens			Watts	LPW			Weight	Carton QTY	DLC	
					3500K	4000K	5000K		3500K	4000K	5000K				
☐	CBT14-B-LSCS-EDD	840141435312	10840141435319	1x4 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2856	3012	2957	23	124	131	129	4.99 lbs. (2.19kg)	4	S-CNZD50
				MED	3323	3521	3438	27	123	130	127				
				HIGH	4423	4761	4577	39	113	122	117				
☐	CBT22-B-LSCS-EDD	840141435299	10840141435296	2x2 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2955	3091	3040	23	128	134	132	4.92lbs (2.23kg)	4	S-DMXVQI
				MED	3437	3616	3542	27	127	134	131				
				HIGH	4593	4897	4714	38	121	129	124				
☐	CBT24-B-LSCS-EDD	840141435305	10840141435302	2x4 Back-Lit Troffer; 5500/4400/3300 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	3457	3564	3545	25	138	143	142	9.37 lb (4.25 kg)	4	S-EJO95G S-VGWHF3
				MED	4610	4791	4722	35	132	137	135				
				HIGH	5727	5997	5858	45	127	133	130				

Bold indicates default settings

MADE TO ORDER OPTIONS

Factory Installed Flexible Conduit & Battery Options

Catalog Number	UPC	Description	Carton Qty
☐ CBT14-B-LSCS-EDD-ELL14 *	840141441702	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT22-B-LSCS-EDD-ELL14 *	840141441771	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT24-B-LSCS-EDD-ELL14 *	840141441863	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT14-B-LSCS-EDD-C588	840141441696	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-C588	840141441764	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-C588	840141441856	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT14-B-LSCS-EDD-ELL14-C688 *	840141441719	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-ELL14-C688 *	840141441788	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-ELL14-C688 *	840141441870	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1

* ELL14 options are only available for use with 120-277V.

* ELL14 option uses a 10 watt Emergency Battery. To determine lumen output in emergency mode, multiply 10w by the fixture lumens per watt (LPW). EX: 10w x 123LPW = 1230 Lumens in Emergency Mode

* CBT Gen B fixtures with factory installed ELL14 option require a remote mounted test switch. A wall test switch plate is included with each CBT that has a factory installed ELL14 option, standard.

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COL_CBT_B-120-347_LSCS_spec_R08

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

CBT24-B-LSCS-EDD

Notes:

Type:**F4H**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

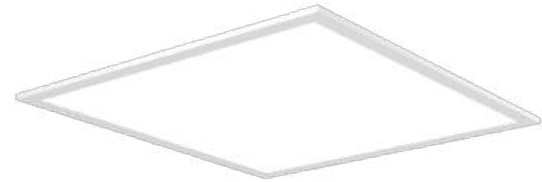
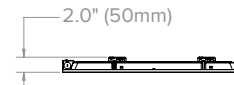
BACK-LIT TROFFER

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

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FEATURES

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4, 2x2)
5500/4400/3300 lumens (2x4)
- Switchable CCT technology: 3500/4000/5000K
- 0-10V 1% Dim to Off driver (standard) provides superior dimming capabilities
- IC rated
- Back-lit design and frosted lens provides smooth, even illumination across the face of the luminaire
- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures

**SERVICE PROGRAMS****STOCK**

Typical Dimensions and Weights

	CBT14 (1x4)	CBT22 (2x2)	CBT24 (2x4)
Length	11.9" / 303 mm	23.7" / 603 mm	23.7" / 603 mm
Width	47.8" / 1213 mm	23.7" / 603 mm	47.8" / 1213 mm
Height	2.0" / 50 mm	2.0" / 50 mm	2.0" / 50 mm
Weight*	4.99lbs / 2.26kg	4.92lbs / 2.23kg	9.37lbs / 4.25kg

SPECIFICATIONS**CONSTRUCTION**

- Aluminum lens frame has a matte white finish
- Luminaire housing is die formed code-gauge steel
- Low profile design is ideal for shallow plenum applications

OPTICS

- Acrylic micro-optics over each LED provide edge to edge illumination without pixelation or bright spots
- Frosted acrylic textured lens provides smooth surface brightness

INSTALLATION

- Integral T-bar clips for secure mounting to 9/16" and 15/16" grid ceiling
- For surface mount applications use surface mount kit accessories
- For plaster or sheet rock installations, use flange kit accessories
- For cable mount applications use surface mount kit accessory and cable kit accessory

ELECTRICAL

- 60,000 hour LEDs at L90 for reduced maintenance
- Operates at 120–347V. 1V minimum low-end trim recommended when paired with a 0-10V dimmer
- 0–10V 1% Dim to Off driver is standard. See additional info on page 6
- Switchable luminaire default settings at highest lumen output and 3500K

PACKAGING

- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures. It should be noted in receiving documents that one master carton includes four individually boxed fixtures and should be received as four fixtures
- Ordering example; If a customer orders 21 fixtures they will receive (5) master cartons containing four fixtures and (1) individually boxed fixture.

CERTIFICATIONS

- All luminaires are built to UL 1598 standards and bear appropriate cULus labels
- Damp location label standard
- Adheres to LM79, LM80, and TM21 industry standards for photometrics and lifetime calculations
- DLC® (DesignLights Consortium Qualified.) Please refer to the DLC website for specific product qualifications at www.designlights.org
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- Tested in accordance with ISO 14644-1; suitable for ISO Class 4 positive and negative pressure clean rooms

WARRANTY

- 5 year warranty

KEY DATA

Lumen Range	2856 - 5997
Wattage Range	23W - 45W
Efficacy Range (LPW)	113 - 143
Reported Life (Hours)	L90/60,000

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Rev 04/01/26

COL_CBT_B-120-347_LSCS_spec_R08

Submitted by FRM Lighting and Controls		Catalog Number: CBT24-B-LSCS-EDD	Type: F4H
	Job Name: NEWBERRY COUNTY GALLMAN PLACE COMMUNITY CENTER RENOVATION Architect: DP3 ARCHITECTS-GREENVILLE (GREENVILLE)	Notes:	FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

BACK-LIT TROFFER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE

Example: CBT24-B-LSCS-EDD

CATALOG #

Model	Size	Generation	Selectable	Driver
CBT Back-lit Troffer	14 1x4 22 2x2 24 2x4	B Generation B	LSCS Lumen Selectable, CCT Selectable	EDD 0-10V Dim to Off ¹

Notes:

1 EDD - Dim to Off Standard. See additional detail on page 6

STOCKED OPTIONS

Catalog No.	SKU	UPC	Master Carton UPC	Description	Setting	Lumens			Watts	LPW			Weight	Carton QTY	DLC
						3500K	4000K	5000K		3500K	4000K	5000K			
☐	CBT14-B-LSCS-EDD	840141435312	10840141435319	1x4 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRt; 0-10V 1% Dim to Off; 120-347V	LOW	2856	3012	2957	23	124	131	129	4.99 lbs. (2.19kg)	4	S-CNZD50
					MED	3323	3521	3438	27	123	130	127			
					HIGH	4423	4761	4577	39	113	122	117			
☐	CBT22-B-LSCS-EDD	840141435299	10840141435296	2x2 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRt; 0-10V 1% Dim to Off; 120-347V	LOW	2955	3091	3040	23	128	134	132	4.92lbs (2.23kg)	4	S-DMXVQI
					MED	3437	3616	3542	27	127	134	131			
					HIGH	4593	4897	4714	38	121	129	124			
☐	CBT24-B-LSCS-EDD	840141435305	10840141435302	2x4 Back-Lit Troffer; 5500/4400/3300 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRt; 0-10V 1% Dim to Off; 120-347V	LOW	3457	3564	3545	25	138	143	142	9.37 lb (4.25 kg)	4	S-EJO95G S-VGWHF3
					MED	4610	4791	4722	35	132	137	135			
					HIGH	5727	5997	5858	45	127	133	130			

Bold indicates default settings

MADE TO ORDER OPTIONS

Factory Installed Flexible Conduit & Battery Options

Catalog Number	UPC	Description	Carton Qty
☐ CBT14-B-LSCS-EDD-ELL14 *	840141441702	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT22-B-LSCS-EDD-ELL14 *	840141441771	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT24-B-LSCS-EDD-ELL14 *	840141441863	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT14-B-LSCS-EDD-C588	840141441696	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-C588	840141441764	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-C588	840141441856	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT14-B-LSCS-EDD-ELL14-C688 *	840141441719	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-ELL14-C688 *	840141441788	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-ELL14-C688 *	840141441870	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1

* ELL14 options are only available for use with 120-277V.

* ELL14 option uses a 10 watt Emergency Battery. To determine lumen output in emergency mode, multiply 10w by the fixture lumens per watt (LPW). EX: 10w x 123LPW = 1230 Lumens in Emergency Mode

* CBT Gen B fixtures with factory installed ELL14 option require a remote mounted test switch. A wall test switch plate is included with each CBT that has a factory installed ELL14 option, standard.

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COL_CBT_B-120-347_LSCS_spec_R08

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

CBT24-B-LSCS-EDD-ELL14

Notes:**Type:****F4HE**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

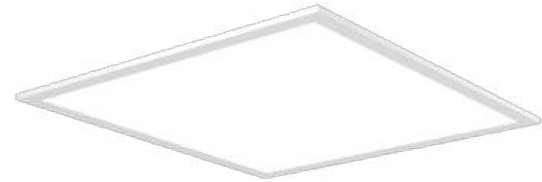
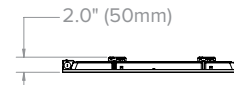
BACK-LIT TROFFER

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

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FEATURES

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4, 2x2)
5500/4400/3300 lumens (2x4)
- Switchable CCT technology: 3500/4000/5000K
- 0-10V 1% Dim to Off driver (standard) provides superior dimming capabilities
- IC rated
- Back-lit design and frosted lens provides smooth, even illumination across the face of the luminaire
- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures

**SERVICE PROGRAMS****STOCK**

Typical Dimensions and Weights

	CBT14 (1x4)	CBT22 (2x2)	CBT24 (2x4)
Length	11.9" / 303 mm	23.7" / 603 mm	23.7" / 603 mm
Width	47.8" / 1213 mm	23.7" / 603 mm	47.8" / 1213 mm
Height	2.0" / 50 mm	2.0" / 50 mm	2.0" / 50 mm
Weight*	4.99lbs / 2.26kg	4.92lbs / 2.23kg	9.37lbs / 4.25kg

SPECIFICATIONS**CONSTRUCTION**

- Aluminum lens frame has a matte white finish
- Luminaire housing is die formed code-gauge steel
- Low profile design is ideal for shallow plenum applications

OPTICS

- Acrylic micro-optics over each LED provide edge to edge illumination without pixelation or bright spots
- Frosted acrylic textured lens provides smooth surface brightness

INSTALLATION

- Integral T-bar clips for secure mounting to 9/16" and 15/16" grid ceiling
- For surface mount applications use surface mount kit accessories
- For plaster or sheet rock installations, use flange kit accessories
- For cable mount applications use surface mount kit accessory and cable kit accessory

ELECTRICAL

- 60,000 hour LEDs at L90 for reduced maintenance
- Operates at 120–347V. 1V minimum low-end trim recommended when paired with a 0-10V dimmer
- 0–10V 1% Dim to Off driver is standard. See additional info on page 6
- Switchable luminaire default settings at highest lumen output and 3500K

PACKAGING

- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures. It should be noted in receiving documents that one master carton includes four individually boxed fixtures and should be received as four fixtures
- Ordering example; If a customer orders 21 fixtures they will receive (5) master cartons containing four fixtures and (1) individually boxed fixture.

CERTIFICATIONS

- All luminaires are built to UL 1598 standards and bear appropriate cULus labels
- Damp location label standard
- Adheres to LM79, LM80, and TM21 industry standards for photometrics and lifetime calculations
- DLC® (DesignLights Consortium Qualified.) Please refer to the DLC website for specific product qualifications at www.designlights.org
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- Tested in accordance with ISO 14644-1; suitable for ISO Class 4 positive and negative pressure clean rooms

WARRANTY

- 5 year warranty

KEY DATA

Lumen Range	2856 - 5997
Wattage Range	23W - 45W
Efficacy Range (LPW)	113 - 143
Reported Life (Hours)	L90/60,000

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COL_CBT_B-120-347_LSCS_spec_R08

Submitted by FRM Lighting and Controls		Catalog Number: CBT24-B-LSCS-EDD-ELL14	Type: F4HE
	Job Name: NEWBERRY COUNTY GALLMAN PLACE COMMUNITY CENTER RENOVATION Architect: DP3 ARCHITECTS-GREENVILLE (GREENVILLE)	Notes:	FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

BACK-LIT TROFFER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE

Example: CBT24-B-LSCS-EDD

CATALOG #

Model	Size	Generation	Selectable	Driver
CBT Back-lit Troffer	14 1x4 22 2x2 24 2x4	B Generation B	LSCS Lumen Selectable, CCT Selectable	EDD 0-10V Dim to Off ¹

Notes:

1 EDD - Dim to Off Standard. See additional detail on page 6

STOCKED OPTIONS

Catalog No.	SKU UPC	Master Carton UPC	Description	Setting	Lumens			Watts	LPW			Weight	Carton QTY	DLC	
					3500K	4000K	5000K		3500K	4000K	5000K				
☐	CBT14-B-LSCS-EDD	840141435312	10840141435319	1x4 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2856	3012	2957	23	124	131	129	4.99 lbs. (2.19kg)	4	S-CNZD50
				MED	3323	3521	3438	27	123	130	127				
				HIGH	4423	4761	4577	39	113	122	117				
☐	CBT22-B-LSCS-EDD	840141435299	10840141435296	2x2 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2955	3091	3040	23	128	134	132	4.92lbs (2.23kg)	4	S-DMXVQI
				MED	3437	3616	3542	27	127	134	131				
				HIGH	4593	4897	4714	38	121	129	124				
☐	CBT24-B-LSCS-EDD	840141435305	10840141435302	2x4 Back-Lit Troffer; 5500/4400/3300 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	3457	3564	3545	25	138	143	142	9.37 lb (4.25 kg)	4	S-EJO95G S-VGWHF3
				MED	4610	4791	4722	35	132	137	135				
				HIGH	5727	5997	5858	45	127	133	130				

Bold indicates default settings

MADE TO ORDER OPTIONS

Factory Installed Flexible Conduit & Battery Options

Catalog Number	UPC	Description	Carton Qty
☐ CBT14-B-LSCS-EDD-ELL14 *	840141441702	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT22-B-LSCS-EDD-ELL14 *	840141441771	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT24-B-LSCS-EDD-ELL14 *	840141441863	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT14-B-LSCS-EDD-C588	840141441696	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-C588	840141441764	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-C588	840141441856	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT14-B-LSCS-EDD-ELL14-C688 *	840141441719	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-ELL14-C688 *	840141441788	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-ELL14-C688 *	840141441870	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1

* ELL14 options are only available for use with 120-277V.

* ELL14 option uses a 10 watt Emergency Battery. To determine lumen output in emergency mode, multiply 10w by the fixture lumens per watt (LPW). EX: 10w x 123LPW = 1230 Lumens in Emergency Mode

* CBT Gen B fixtures with factory installed ELL14 option require a remote mounted test switch. A wall test switch plate is included with each CBT that has a factory installed ELL14 option, standard.

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COL_CBT_B-120-347_LSCS_spec_R08

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

CBT24-B-LSCS-EDD

Notes:

Type:**F4M**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

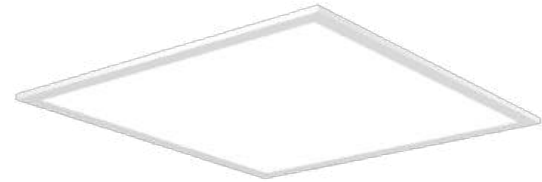
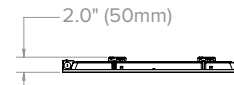
BACK-LIT TROFFER

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

tradeSELECT®

FEATURES

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4, 2x2)
5500/4400/3300 lumens (2x4)
- Switchable CCT technology: 3500/4000/5000K
- 0-10V 1% Dim to Off driver (standard) provides superior dimming capabilities
- IC rated
- Back-lit design and frosted lens provides smooth, even illumination across the face of the luminaire
- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures

**SERVICE PROGRAMS****STOCK**

Typical Dimensions and Weights

	CBT14 (1x4)	CBT22 (2x2)	CBT24 (2x4)
Length	11.9" / 303 mm	23.7" / 603 mm	23.7" / 603 mm
Width	47.8" / 1213 mm	23.7" / 603 mm	47.8" / 1213 mm
Height	2.0" / 50 mm	2.0" / 50 mm	2.0" / 50 mm
Weight*	4.99lbs / 2.26kg	4.92lbs / 2.23kg	9.37lbs / 4.25kg

SPECIFICATIONS**CONSTRUCTION**

- Aluminum lens frame has a matte white finish
- Luminaire housing is die formed code-gauge steel
- Low profile design is ideal for shallow plenum applications

OPTICS

- Acrylic micro-optics over each LED provide edge to edge illumination without pixelation or bright spots
- Frosted acrylic textured lens provides smooth surface brightness

INSTALLATION

- Integral T-bar clips for secure mounting to 9/16" and 15/16" grid ceiling
- For surface mount applications use surface mount kit accessories
- For plaster or sheet rock installations, use flange kit accessories
- For cable mount applications use surface mount kit accessory and cable kit accessory

ELECTRICAL

- 60,000 hour LEDs at L90 for reduced maintenance
- Operates at 120–347V. 1V minimum low-end trim recommended when paired with a 0-10V dimmer
- 0–10V 1% Dim to Off driver is standard. See additional info on page 6
- Switchable luminaire default settings at highest lumen output and 3500K

PACKAGING

- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures. It should be noted in receiving documents that one master carton includes four individually boxed fixtures and should be received as four fixtures
- Ordering example; If a customer orders 21 fixtures they will receive (5) master cartons containing four fixtures and (1) individually boxed fixture.

CERTIFICATIONS

- All luminaires are built to UL 1598 standards and bear appropriate cULus labels
- Damp location label standard
- Adheres to LM79, LM80, and TM21 industry standards for photometrics and lifetime calculations
- DLC® (DesignLights Consortium Qualified.) Please refer to the DLC website for specific product qualifications at www.designlights.org
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- Tested in accordance with ISO 14644-1; suitable for ISO Class 4 positive and negative pressure clean rooms

WARRANTY

- 5 year warranty

KEY DATA

Lumen Range	2856 - 5997
Wattage Range	23W - 45W
Efficacy Range (LPW)	113 - 143
Reported Life (Hours)	L90/60,000

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Rev 04/01/26

COL_CBT_B-120-347_LSCS_spec_R08

Submitted by FRM Lighting and Controls		Catalog Number: CBT24-B-LSCS-EDD	Type: F4M
	Job Name: NEWBERRY COUNTY GALLMAN PLACE COMMUNITY CENTER RENOVATION Architect: DP3 ARCHITECTS-GREENVILLE (GREENVILLE)	Notes:	FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

BACK-LIT TROFFER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE

Example: CBT24-B-LSCS-EDD

CATALOG #

CBT				
Model	Size	Generation	Selectable	Driver
CBT Back-lit Troffer	14 1x4 22 2x2 24 2x4	B Generation B	LSCS Lumen Selectable, CCT Selectable	EDD 0-10V Dim to Off ¹

Notes:

1 EDD - Dim to Off Standard. See additional detail on page 6

STOCKED OPTIONS

Catalog No.	SKU UPC	Master Carton UPC	Description	Setting	Lumens			Watts	LPW			Weight	Carton QTY	DLC	
					3500K	4000K	5000K		3500K	4000K	5000K				
☐	CBT14-B-LSCS-EDD	840141435312	10840141435319	1x4 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2856	3012	2957	23	124	131	129	4.99 lbs. (2.19kg)	4	S-CNZD50
				MED	3323	3521	3438	27	123	130	127				
				HIGH	4423	4761	4577	39	113	122	117				
☐	CBT22-B-LSCS-EDD	840141435299	10840141435296	2x2 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2955	3091	3040	23	128	134	132	4.92lbs (2.23kg)	4	S-DMXVQI
				MED	3437	3616	3542	27	127	134	131				
				HIGH	4593	4897	4714	38	121	129	124				
☐	CBT24-B-LSCS-EDD	840141435305	10840141435302	2x4 Back-Lit Troffer; 5500/4400/3300 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	3457	3564	3545	25	138	143	142	9.37 lb (4.25 kg)	4	S-EJO95G S-VGWHF3
				MED	4610	4791	4722	35	132	137	135				
				HIGH	5727	5997	5858	45	127	133	130				

Bold indicates default settings

MADE TO ORDER OPTIONS

Factory Installed Flexible Conduit & Battery Options

Catalog Number	UPC	Description	Carton Qty
☐ CBT14-B-LSCS-EDD-ELL14 *	840141441702	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT22-B-LSCS-EDD-ELL14 *	840141441771	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT24-B-LSCS-EDD-ELL14 *	840141441863	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT14-B-LSCS-EDD-C588	840141441696	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-C588	840141441764	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-C588	840141441856	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT14-B-LSCS-EDD-ELL14-C688 *	840141441719	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-ELL14-C688 *	840141441788	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-ELL14-C688 *	840141441870	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1

* ELL14 options are only available for use with 120-277V.

* ELL14 option uses a 10 watt Emergency Battery. To determine lumen output in emergency mode, multiply 10w by the fixture lumens per watt (LPW). EX: 10w x 123LPW = 1230 Lumens in Emergency Mode

* CBT Gen B fixtures with factory installed ELL14 option require a remote mounted test switch. A wall test switch plate is included with each CBT that has a factory installed ELL14 option, standard.

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Page 2 of 5
Rev 04/01/26
COL_CBT_B-120-347_LSCS_spec_R08

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

CBT24-B-LSCS-EDD-ELL14

Notes:

Type:**F4ME**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

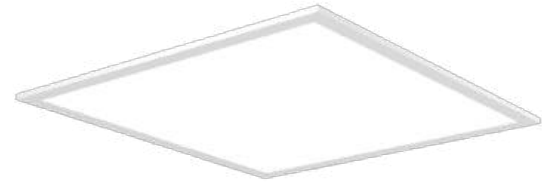
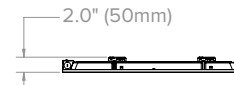
BACK-LIT TROFFER

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

tradeSELECT®

FEATURES

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4, 2x2)
5500/4400/3300 lumens (2x4)
- Switchable CCT technology: 3500/4000/5000K
- 0-10V 1% Dim to Off driver (standard) provides superior dimming capabilities
- IC rated
- Back-lit design and frosted lens provides smooth, even illumination across the face of the luminaire
- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures

**SERVICE PROGRAMS****STOCK**

Typical Dimensions and Weights

	CBT14 (1x4)	CBT22 (2x2)	CBT24 (2x4)
Length	11.9" / 303 mm	23.7" / 603 mm	23.7" / 603 mm
Width	47.8" / 1213 mm	23.7" / 603 mm	47.8" / 1213 mm
Height	2.0" / 50 mm	2.0" / 50 mm	2.0" / 50 mm
Weight*	4.99lbs / 2.26kg	4.92lbs / 2.23kg	9.37lbs / 4.25kg

SPECIFICATIONS**CONSTRUCTION**

- Aluminum lens frame has a matte white finish
- Luminaire housing is die formed code-gauge steel
- Low profile design is ideal for shallow plenum applications

OPTICS

- Acrylic micro-optics over each LED provide edge to edge illumination without pixelation or bright spots
- Frosted acrylic textured lens provides smooth surface brightness

INSTALLATION

- Integral T-bar clips for secure mounting to 9/16" and 15/16" grid ceiling
- For surface mount applications use surface mount kit accessories
- For plaster or sheet rock installations, use flange kit accessories
- For cable mount applications use surface mount kit accessory and cable kit accessory

ELECTRICAL

- 60,000 hour LEDs at L90 for reduced maintenance
- Operates at 120–347V. 1V minimum low-end trim recommended when paired with a 0-10V dimmer
- 0–10V 1% Dim to Off driver is standard. See additional info on page 6
- Switchable luminaire default settings at highest lumen output and 3500K

PACKAGING

- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures. It should be noted in receiving documents that one master carton includes four individually boxed fixtures and should be received as four fixtures
- Ordering example; If a customer orders 21 fixtures they will receive (5) master cartons containing four fixtures and (1) individually boxed fixture.

CERTIFICATIONS

- All luminaires are built to UL 1598 standards and bear appropriate cULus labels
- Damp location label standard
- Adheres to LM79, LM80, and TM21 industry standards for photometrics and lifetime calculations
- DLC® (DesignLights Consortium Qualified.) Please refer to the DLC website for specific product qualifications at www.designlights.org
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- Tested in accordance with ISO 14644-1; suitable for ISO Class 4 positive and negative pressure clean rooms

WARRANTY

- 5 year warranty

KEY DATA

Lumen Range	2856 - 5997
Wattage Range	23W - 45W
Efficacy Range (LPW)	113 - 143
Reported Life (Hours)	L90/60,000

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Rev 04/01/26

COL_CBT_B-120-347_LSCS_spec_R08

Submitted by FRM Lighting and Controls		Catalog Number: CBT24-B-LSCS-EDD-ELL14	Type: F4ME
	Job Name: NEWBERRY COUNTY GALLMAN PLACE COMMUNITY CENTER RENOVATION Architect: DP3 ARCHITECTS-GREENVILLE (GREENVILLE)	Notes:	FRM-GREENVILLE26-164793

Columbia
LIGHTING

CBT LSCS 120-347V

BACK-LIT TROFFER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE

Example: CBT24-B-LSCS-EDD

CATALOG #

Model	Size	Generation	Selectable	Driver
CBT Back-lit Troffer	14 1x4 22 2x2 24 2x4	B Generation B	LSCS Lumen Selectable, CCT Selectable	EDD 0-10V Dim to Off ¹

Notes:

1 EDD - Dim to Off Standard. See additional detail on page 6

STOCKED OPTIONS

Catalog No.	SKU UPC	Master Carton UPC	Description	Setting	Lumens			Watts	LPW			Weight	Carton QTY	DLC	
					3500K	4000K	5000K		3500K	4000K	5000K				
☐	CBT14-B-LSCS-EDD	840141435312	10840141435319	1x4 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2856	3012	2957	23	124	131	129	4.99 lbs. (2.19kg)	4	S-CNZD50
				MED	3323	3521	3438	27	123	130	127				
				HIGH	4423	4761	4577	39	113	122	117				
☐	CBT22-B-LSCS-EDD	840141435299	10840141435296	2x2 Back-Lit Troffer; 4400/3300/2750 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	2955	3091	3040	23	128	134	132	4.92lbs (2.23kg)	4	S-DMXVQI
				MED	3437	3616	3542	27	127	134	131				
				HIGH	4593	4897	4714	38	121	129	124				
☐	CBT24-B-LSCS-EDD	840141435305	10840141435302	2x4 Back-Lit Troffer; 5500/4400/3300 Switchable Lumens; 3500/4000/5000K Switchable CCT 80 CRI; 0-10V 1% Dim to Off; 120-347V	LOW	3457	3564	3545	25	138	143	142	9.37 lb (4.25 kg)	4	S-EJO95G S-VGWHF3
				MED	4610	4791	4722	35	132	137	135				
				HIGH	5727	5997	5858	45	127	133	130				

Bold indicates default settings

MADE TO ORDER OPTIONS

Factory Installed Flexible Conduit & Battery Options

Catalog Number	UPC	Description	Carton Qty
☐ CBT14-B-LSCS-EDD-ELL14 *	840141441702	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT22-B-LSCS-EDD-ELL14 *	840141441771	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT24-B-LSCS-EDD-ELL14 *	840141441863	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery (CEC Title 20 Compliant)	1
☐ CBT14-B-LSCS-EDD-C588	840141441696	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-C588	840141441764	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-C588	840141441856	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 5 Wire Flexible Conduit	1
☐ CBT14-B-LSCS-EDD-ELL14-C688 *	840141441719	1x4 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT22-B-LSCS-EDD-ELL14-C688 *	840141441788	2x2 Back-lit LED Troffer, 4400/3300/2750lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1
☐ CBT24-B-LSCS-EDD-ELL14-C688 *	840141441870	2x4 Back-lit LED Troffer, 5500/4400/3300lm, 3500/4000/5000K, Dim to Off, Factory Installed 10W EM Battery & 6 Wire Flexible Conduit	1

* ELL14 options are only available for use with 120-277V.

* ELL14 option uses a 10 watt Emergency Battery. To determine lumen output in emergency mode, multiply 10w by the fixture lumens per watt (LPW). EX: 10w x 123LPW = 1230 Lumens in Emergency Mode

* CBT Gen B fixtures with factory installed ELL14 option require a remote mounted test switch. A wall test switch plate is included with each CBT that has a factory installed ELL14 option, standard.

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Rev 04/01/26
COL_CBT_B-120-347_LSCS_spec_R08

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

LS4 4FT 35 1000LMF UNV DB1 W
WM FL NA NA NA
Notes:

Type:**L44**

FRM-GREENVILLE26-164793



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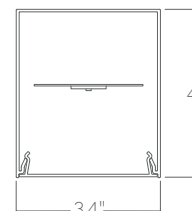
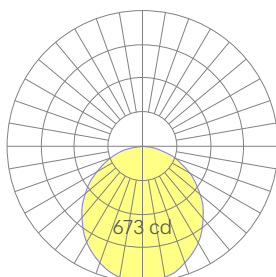
LS4 direct

>90 CRI
up to
123
lumens /watt

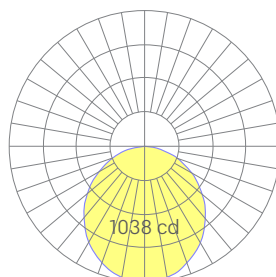
The LS Series of architectural luminaires offers a wide range of profiles and mounting options. Custom lengths and patterns are tailored to suit any modern space.

Features

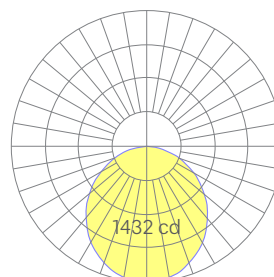
- Living Building Challenge Declare listed. Red List Free optional.
- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 > 70
- Custom lengths, welded patterns, and finishes available
- Integral specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible [learn more](#)

Dimensions**Optics**

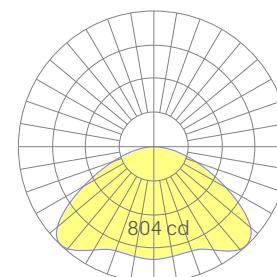
low



medium



high



avi-batwing

Representative distribution and peak candela. For other options see order information or IES files [here](#).





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LS4 direct

Ordering Information

For each option group below specify one option. If you don't see your preferred option listed, contact us for [help](#).

1	Fixture ID	2	Length	3	Color Temperature	4	Output
	LS4	2	2 ft	27	2700K/90 CRI	LOW	Low output
		4	4 ft	30	3000K/90 CRI	MED	Medium output
		8	8 ft	35	3500K/90 CRI	HIGH	High output
		XX	Specify length	40	4000K/90 CRI	CUST	Custom output Specify watts or lumens
		PAT	Pattern Submit drawing	50	5000K/90 CRI		
				TW	Tunable White 2700K-6500K Must use TW10 driver		
				RGBW30	RGB +white; 3000k Must use remote DMX driver		
				RGBW35	RGB +white; 3500k Must use remote DMX driver		
				RGBW40	RGB +white; 4000k Must use remote DMX driver		
				WD	Warm Dim 2200K-3000K Must use WD10 driver		
5	Voltage	6	Driver	7	Finish	8	Mounting
	UNV Universal (120/277V)	DB	Standard 0-10V 1%	W	White	AC	AC cable (50 in.)
	347V 347V	DB.1%	0-10V 0.1%	BLK	Black	ACCC	AC cable To conduit pipe canopy.
		ELV	Reverse phase 1% (120V only)	CC	Custom color See finish options here	ACTB.X	Aircraft cable to Tbar clip Specify 9/16th, 15/16th, or Slot.
		TRI	Forward phase	CWF	Custom wood finish See finish options here	AC3.5	3.5 in. canopy + Jbox adaptor Adaptor must be mudded-in.
		LDE1	Lutron Digital EcoSystem	SLV	Silver	PS.X	Pendant stem with standard 5-inch canopy 12, 18, 24, 36, or 48 in. Consult factory for lengths not shown.
		JA8	JAB compliant 1% dimming			PSFC	Field cuttable pendant stem 94 in. stem field cuttable to any length
		DALI	DALI-2 driver			SMHC	Surface mount hard ceiling
		PoE	Power over ethernet			SMTB.X	Surface mount to Tbar clip Specify 9/16th, 15/16th, or Slot.
		TW10	2 channel 0-10V for tunable white			WM	Wall mount
		WD10	0-10V warm dimming				
		DMX	DMX512 All DMX drivers set to default address 001 and provided in remote enclosers. Contact us for other addressing needs.				
9	Optics	10	Sensors/Controls	11	Circuit	12	Options
	AVI.BWG Batwing optic	NA	None	NA	None	NA	None
	WW Wall wash reflector	WISM_%	Wattstopper occupancy	EMPCCK	Emergency battery pack	STD	White canopy/cord/stem
	AVI.ASY Asymmetric optic	WISD	Wattstopper daylight	EMCKT	Emergency circuit May require additional power feeds	CAN.X	Canopy + color See finish options here
	FL Flat diffuser	ACM	Acuity nLight- module only	DAYCKT	Daylight circuit May require additional power feeds	SJ.BLK	Black cord
		ACS	Acuity nLight- (nES 7)			SJ.WHT	White cord
		ACAS	Acuity nLight- AIR (rES 7)			RLF	Red List Free
		CCS	Casambi module			MPD	Mounting + power drawings Mounting and power feed locations will be added to approval drawings. See additional information here .
		AWNRR	Lutron Athena wireless node				
		AWNRS	Lutron Athena wireless node with sensor				
		OTHER	Consult factory				
		ACAM	Acuity nLight Air (r10)				

Performance

Output ¹	Watts/ft	Lumens/ft	LPW
Low	3.5	429	123
Medium	5.5	658	120
High	7.5	907	120

¹Based on a typically configured 90 CRI, 3500K luminaire using one driver.
Custom outputs available. Please consult factory.
For 4000K multiply by 1.05; for 3000K, 0.96; for 2700K, 0.92.
For Warm Dim multiply by .80.

Technical Information



click [here](#) or
scan QR code

Wiring diagrams, PoE and sensor details



**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

LS4 8FT 35 1000LMF UNV DB1 W
WM FL NA NA NA
Notes:

Type:**L48**

FRM-GREENVILLE26-164793

Coronet
designed and built in the USA

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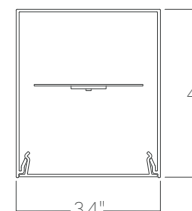
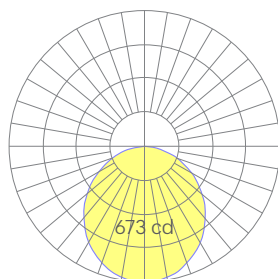
LS4 direct

>90 CRI
up to
123
lumens /watt

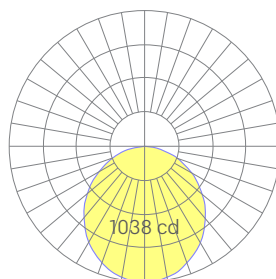
The LS Series of architectural luminaires offers a wide range of profiles and mounting options. Custom lengths and patterns are tailored to suit any modern space.

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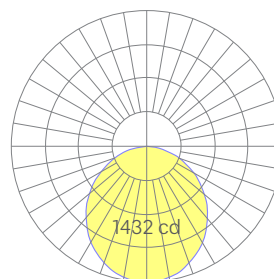
- Living Building Challenge Declare listed. Red List Free optional.
- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 > 70
- Custom lengths, welded patterns, and finishes available
- Integral specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible [learn more](#)

Dimensions**Optics**

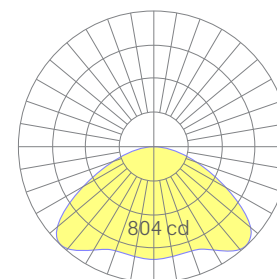
low



medium



high



avi-batwing

Representative distribution and peak candela. For other options see order information or IES files [here](#).





a CarbonNeutral company

LS4 direct

Ordering Information

For each option group below specify one option. If you don't see your preferred option listed, contact us for [help](#).

1	Fixture ID	2	Length	3	Color Temperature	4	Output
	LS4	2	2 ft	27	2700K/90 CRI	LOW	Low output
		4	4 ft	30	3000K/90 CRI	MED	Medium output
		8	8 ft	35	3500K/90 CRI	HIGH	High output
		XX	Specify length	40	4000K/90 CRI	CUST	Custom output Specify watts or lumens
		PAT	Pattern Submit drawing	50	5000K/90 CRI		
				TW	Tunable White 2700K-6500K Must use TW10 driver		
				RGBW30	RGB +white; 3000k Must use remote DMX driver		
				RGBW35	RGB +white; 3500k Must use remote DMX driver		
				RGBW40	RGB +white; 4000k Must use remote DMX driver		
				WD	Warm Dim 2200K-3000K Must use WD10 driver		
5	Voltage	6	Driver	7	Finish	8	Mounting
	UNV Universal (120/277V)	DB	Standard 0-10V 1%	W	White	AC	AC cable (50 in.)
	347V 347V	DB.1%	0-10V 0.1%	BLK	Black	ACCC	AC cable To conduit pipe canopy.
		ELV	Reverse phase 1% (120V only)	CC	Custom color See finish options here	ACTB.X	Aircraft cable to Tbar clip Specify 9/16th, 15/16th, or Slot.
		TRI	Forward phase	CWF	Custom wood finish See finish options here	AC3.5	3.5 in. canopy + Jbox adaptor Adaptor must be mudded-in.
		LDE1	Lutron Digital EcoSystem	SLV	Silver	PS.X	Pendant stem with standard 5-inch canopy 12, 18, 24, 36, or 48 in. Consult factory for lengths not shown.
		JA8	JA8 compliant 1% dimming			PSFC	Field cuttable pendant stem 94 in. stem field cuttable to any length
		DALI	DALI-2 driver			SMHC	Surface mount hard ceiling
		PoE	Power over ethernet			SMTB.X	Surface mount to Tbar clip Specify 9/16th, 15/16th, or Slot.
		TW10	2 channel 0-10V for tunable white			WM	Wall mount
		WD10	0-10V warm dimming				
		DMX	DMX512 All DMX drivers set to default address 001 and provided in remote enclosers. Contact us for other addressing needs.				
9	Optics	10	Sensors/Controls	11	Circuit	12	Options
	AVI.BWG Batwing optic	NA	None	NA	None	NA	None
	WW Wall wash reflector	WISM_%	Wattstopper occupancy	EMPCCK	Emergency battery pack	STD	White canopy/cord/stem
	AVI.ASY Asymmetric optic	WISD	Wattstopper daylight	EMCKT	Emergency circuit May require additional power feeds	CAN.X	Canopy + color See finish options here
	FL Flat diffuser	ACM	Acuity nLight- module only	DAYCKT	Daylight circuit May require additional power feeds.	SJ.BLK	Black cord
		ACS	Acuity nLight- (nES 7)			SJ.WHT	White cord
		ACAS	Acuity nLight- AIR (rES 7)			RLF	Red List Free
		CCS	Casambi module			MPD	Mounting + power drawings Mounting and power feed locations will be added to approval drawings. See additional information here .
		AWN.R	Lutron Athena wireless node				
		AWN.S	Lutron Athena wireless node with sensor				
		OTHER	Consult factory				
		ACAM	Acuity nLight Air (r10)				

Performance

Output ¹	Watts/ft	Lumens/ft	LPW
Low	3.5	429	123
Medium	5.5	658	120
High	7.5	907	120

¹Based on a typically configured 90 CRI, 3500K luminaire using one driver.
Custom outputs available. Please consult factory.
For 4000K multiply by 1.05; for 3000K, 0.96; for 2700K, 0.92.
For Warm Dim multiply by .80.

Technical Information



click [here](#) or
scan QR code

Wiring diagrams, PoE and sensor details



**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

LS4 8FT 35 1000LMF UNV DB1 W
WM FL NA EMPCK NA
Notes:

Type:**L48E**

FRM-GREENVILLE26-164793

Coronet
designed and built in the USA

a CarbonNeutral company

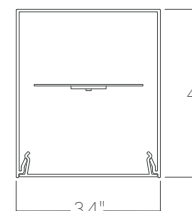
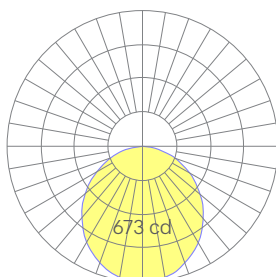
LS4 direct

>90 CRI
up to
123
lumens /watt

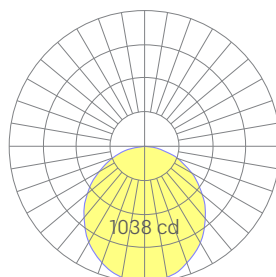
The LS Series of architectural luminaires offers a wide range of profiles and mounting options. Custom lengths and patterns are tailored to suit any modern space.

Features

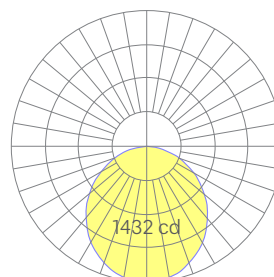
- Living Building Challenge Declare listed. Red List Free optional.
- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 > 70
- Custom lengths, welded patterns, and finishes available
- Integral specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible [learn more](#)

Dimensions**Optics**

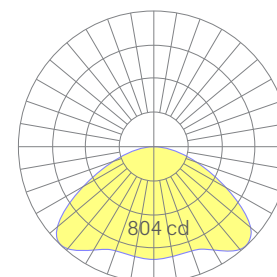
low



medium



high



avi-batwing

Representative distribution and peak candela. For other options see order information or IES files [here](#).





a CarbonNeutral company

LS4 direct

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		WD10	0-10V warm dimming				
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click [here](#) or
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Wiring diagrams, PoE and sensor details



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COMMUNITY CENTER RENOVATION
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Catalog Number:

LS4 8FT 35 1000LMF UNV DB1 W
WM FL NA EMPCK NA

Notes:

Type:**L48E**

FRM-GREENVILLE26-164793



a CarbonNeutral company

LS4 direct

Drivers & Electrical

Integral drivers* with 0-10V Dimming standard. Several other driver options available; see ordering information.

*DMX drivers are provided in remote enclosures.

Sensors & Controls

Sensors are installed on an aluminum plate adjacent to the luminaire lens¹. Coronet remains agnostic in our approach to sensors and control systems; our fixtures are compatible with most systems offered.

¹Not applicable to indirect only models. Consult factory.

Optics

Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

Construction

Housings are extruded premium, recycled aluminum. Individual fixtures are available up to 12' long and may be specified as nominal or precision lengths. Precision lengths are supplied within 1/8" tolerance.

Emergency Back-Up

For fixtures three-feet or longer, a 6W emergency driver may be wired to 4ft sections. A 10W driver is also available (consult factory). Emergency circuits for use with building generators are also available.

PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Molex Coresync, Smartengine, Platformatics, and NuLED SPICEbox.

Consult factory for systems not listed. See [here](#) for more info.

Finishes

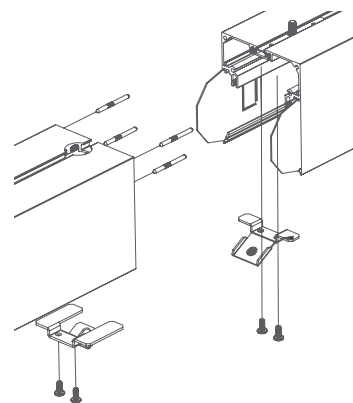
All luminaires are finished in high quality polyester powder coating. Our standard color is white. Any RAL color may be specified.

Weight

3 lbs per foot

Joined Runs

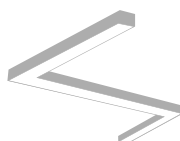
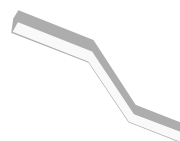
Runs of any length may be specified and are comprised of multiple, factory-engineered, joined sections. Individually specified luminaires are not field joinable.



Representative joinery. For product specific details see installation guides or submittal drawings.

Patterns

Featuring illuminated welded corners and angles. Consult factory for custom designs and elevations.

Square**X****T****V****Custom****Elevation**

Columbia
LIGHTING

MPS
MULTIPURPOSE LINEAR

FEATURES

- Uniform end-to-end lens brightness with optional continuous row mounting that gives an uninterrupted ribbon of light
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Available in 2', 4' or 8' lengths
- Optional 90 or 120 min integral emergency battery pack (CEC Title 20 Compliant)
- Curved, Flat, and Wedge acrylic lens and curved polycarbonate lens options or a no lens (NL) versions. Wide and Narrow distributions available.
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount or suspended mounting



CONTROLS TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Housing, wireway, and ends are formed from code-gauge steel
- Housing components act as heat sink for LED heat dissipation
- White painted parts are treated with a five stage phosphate bonding process and finished with high reflectance baked enamel

OPTICS

- Available with or without frosted lens

INSTALLATION

- Knockouts are provided for electrical access and mounting
- WARNING – Removing the lens during installation exposes the LEDs and due to their fragility they could be damaged. Handle the LED reflector plate with care, do not rest the LED reflector plate upside down directly on its LEDs as this could result in damage. Damage to LEDs from mishandling during installation will not be covered under warranty.**

ELECTRICAL

- Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance
- Driver options include fixed output for on/off function, step dimming (high/low/off), or continuous 0–10V dimming
- Superior drivers and long-life LEDs provide quality illumination for prolonged service life
- Drivers < 10% THD at 120V, power factor > 0.95
- Lumen packages up to 10,000 lumens rated to 40°C (104°F) max ambient. Lumen packages up to 5,000 lumens rated to 50°C (122°F) max ambient. Minimum ambient temperature -20°C (-4°F)

CONTROLS

- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- NX Connect is a standalone wireless deployment for room based applications using wireless enabled and battery operated devices
- SpectraSync (TM) Color Tuning Technology offers a tunable white solution and integrates seamlessly into a variety of control systems

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:



(Shown with optional end caps MPSCE)



SERVICE PROGRAMS

STOCK QS10

End View Curve Lens	C	B	Typical Dimensions and Weights					
			(B) Width: Inches (mm)			(C) Height: Inches (mm)		
			Curve Lens	Flat Lens	Wedge Lens	Curve Lens	Flat Lens	Wedge Lens
End View Flat Lens	C	B						
End View Wedge Lens	C	B						
2'			3.11 (79)	3.00 (76)	4.04 (103)	3.06 (78)	2.44 (62)	2.89 (73)
4'								
8'								

CERTIFICATIONS

- All luminaires are built to UL 1598 standards, and bear appropriate cCSAus labels
- Emergency battery pack options are California Energy Commission (CEC) Title 20 compliant
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- DLC® (DesignLights Consortium) Qualified, Please refer to the DLC website for specific product qualifications at www.designlights.org
- Adheres to LM79, LM80, and TM21 industry standards
- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram
- Product configurations not including battery packs or controls meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11) [SeeBuyAmerica\(n\)Solutions](http://SeeBuyAmerica(n)Solutions)

WARRANTY

- 5 year warranty

STOCK GUIDE

Catalog No.	UPC	Description	Weight (lbs)	Pallet Qty	DLC QPL
☐ MPS4-35ML-CW-EDU	078531138714	4', 80 CRI, 3500K, 4556 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 114 LPW, White	6.1	56	PKQ78077
☐ MPS4-35ML-FW-EDU	603134946413	4', 80 CRI, 3500K, 4230 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 134 LPW, White	6.1	56	P9P5CV62
☐ MPS4-40ML-CW-EDU	078531138721	4', 80 CRI, 4000K, 4614 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 115 LPW, White	6.1	56	P04CB2S2
☐ MPS4-40ML-FW-EDU	603134946420	4', 80 CRI, 3500K, 4277 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 135 LPW, White	6.1	56	PLLKQUUG
☐ MPS8-50ML-CW-EDU	078531138752	8', 80 CRI, 5000K, 9532 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 80W, 119 LPW, White	13.6	56	P5CRMP7L
☐ CSHC	078531000868	Chain Hanging Assembly - (2) 14" Chains and V-Hooks	0.2	N/A	N/A

Current

currentlighting.com/columbialighting

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Rev 06/03/26
COL_MPS_spec_R16

Columbia
LIGHTING

MPS
MULTIPURPOSE LINEAR

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

Gray Shading = Service Program
Limit of 150 Luminaires

QS10

ORDERING GUIDE

Example: MPS4-40ML-CW-EDU

MPS			Color Temp		Nominal Lumens		Lens		Distribution		Driver ⁴	
Model	Size ¹	CRI										
MPS MultiPurpose Linear	2' 2'	Blank >80	30	3000K	XW	4' (2600), 8' (5200)	C	Curve, Frosted Acrylic	N	Narrow Distribution ³	ED	0-10V Dimming
	4' 4'	9 90	35	3500K	VW	2'(1600), 4'(3300), 8' (6600)	F	Flat, Frosted Acrylic	W	Wide Distribution	ED1	0-10V 1% Dimming
	8' 8'		40	4000K	MW	2'(2200), 4'(3600), 8' (7200)	NL	No Lens			EDD	0-10V Dim-to-Off
			50	5000K	LW	2'(2400), 4'(4000), 8' (7900)	CP	Curve, Frosted Polycarbonate			ESD	Step Dimming ^{5, 10}
			2765T	2700K-6500K SpectraSync™ Tunable White ²	ML	2'(3400), 4'(4500), 8' (8900)	W	Wedge, Frosted Acrylic			LUTH	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology ^{5, 6}
					HL	2'(3700), 4'(5800), 8' (11,500)					DALIP	Powered by DALI ⁵
					VL	2' (4400), 4' (6800), 8' (13,500)						
					XL	2' (5400), 4' (7,800), 8' (15,500)						
					UL	2'(6200), 4'(10,000), 8'(20,000)						

Voltage	Options	Control Options ^{13, 23, 24, 25}
U 120V-277V	ELL14 10W Emergency Battery Pack (CEC Title 20 Compliant) Installed ^{5, 7, 8, 9}	NX Lighting Controls <u>Networked Wireless</u> NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{26, 27} NXWSM NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27} <u>Networked Wired</u> NXE NX Wired Dual RJ45 SmartPORTS , without Sensor ^{26, 27} NXESM NX Wired Dual RJ45 SmartPORTS & Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27} <u>Independent Control</u> NXCS NX Connect NXC-WIZ20 Wireless Indoor Occupancy & Photocell Sensor ^{5, 28, 29, 30} BTSL Bluetooth Programmable, BTSMP-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ^{26, 27}
347 347V (ED, ED1 only)	ELL14H2 9W Emergency Battery Pack (CEC Title 20 Compliant) Installed, 2-Hour Run Time ^{5, 7, 8, 9, 11} ELL14ST Emergency Battery Back, 1400 Lumens, Self Test ^{5, 7, 8} DTS Dimming Bypass Module ^{5, 12} MPSCE Injection Molded ABS Material Curve Endcap ¹³ MPSCE-MB Injection Molded ABS Material Curve Endcap, Matte Black ¹⁴ MPSFE Injection Molded ABS Material Flat Endcap ¹³ MPSFE-MB Injection Molded ABS Material Flat Endcap, Matte Black ¹⁴ MPSWE Injection molded ABS Material Wedge Endcap ¹³ MPSWE-MB Injection molded ABS Material Wedge Endcap, Matte Black ¹⁴ MB Matte Black SLV Silver PAF Painted After Fabrication MST MASTER fixture that controls one or more SATELLITE fixtures in a continuous row application ^{15, 16, 17, 18, 19, 20, 21} SAT SATELLITE fixture controlled by MASTER fixture in a continuous row application ^{16, 17, 18, 19, 20, 21} INT Intermediate (provides ends with wiring access for continuous row mounting) ^{20, 21, 22} EOR End of Row (provides end wiring access for continuous row mounting) ^{20, 21, 22} GLR Fast Blow Fuse ⁵ BP Bulk Pack	Other Lighting Controls <u>Networked Wireless</u> LVR Lutron Vive Integral Fixture Control DFCSJ-OEM-RF (RF only) ^{5, 28, 29, 31} LVS Lutron Vive Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing) ^{5, 28, 29, 31} AWNAR Lutron Athena Integral Fixture Control A-WN-DO1-RF-WH (RF only) ^{5, 28, 29} AWNS Lutron Athena Integral Fixture Control A-WN-DO1-OCC-WH with Daylight and Occupancy Sensing ^{5, 26, 29} <u>Independent Control</u> ODPG Occupancy and Daylight Sensors w/ Grouping, Phillips SNS200 ^{5, 28, 29} ZLS05 Occupancy & Daylight Sensor, Leviton ZLS05 ^{5, 26, 29}

- Notes:
- Refer to Row Mount Ordering Instructions for Continuous Row applications
 - Refer to SpectraSync and NX Availability table. Only available with ED driver and 80 CRI.
 - Only available with Curve, Frosted Acrylic lens option
 - Dimming curves may vary dependent upon lumen output and driver option chosen. Separate dimming circuits are recommended if multiple driver options are chosen
 - Not available in 347V
 - Not available with 2ft: VW, MW, LW lumen packages, 4ft: XW, VL lumen packages or 8ft: MW, VL lumen packages
 - To determine lumen output in emergency mode, multiply the battery pack wattage by the fixture lumens per watt (LPW)
 - Not available with 2ft fixture.
 - Not available with thru wire and XL or UL lumen package on 4ft and 8ft fixtures
 - Max ambient temperature, 25°C
 - Not available for use in Canada
 - For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram. Cannot be combined with SpectraSync or Controls options in 2ft fixture
 - PAF option included when this option is chosen
 - Only available with MB or SLV finish options

- Continuous Row Options**
- Not available with INT option
 - One MST fixture can control multiple SAT fixtures but a SAT fixture can only be controlled by one MST fixture
 - Only available with NX Networked, NX Wired and NX Wireless Controls, consult factory for applications
 - Not available with LUTH
 - Not available with DTS
 - All fixtures in a continuous row application must use the same driver type and voltage
 - Quick connect wiring harness included
 - Suspension support required at every fixture coupling, see Mounting Accessories Guide

- All Controls**
- Control Options include injection molded ABS end cap
 - Dry location rated only
 - Minimum ambient temperature: 0°C (32°F)

- NX Lighting Controls**
- Only available with ED, ED1 or EDD driver options
 - Not available in 2ft when combined with SpectraSync

- Other Lighting Controls Options**
- Only available with DALIP driver option
 - Not available with SpectraSync
 - Not available with 2ft: VW, MW and LW lumen packages or 4ft: XW lumen package
 - Vive is a trademark of Lutron Electronics Co., Inc.

Columbia
LIGHTING

MPS
MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

ORDERING GUIDE (CONTINUED)

Accessories

- | | |
|---|---|
| ☐ S18 | 18" Stem, Canopy |
| ☐ SS18 | 18" Swivel Stem—45° Swivel |
| ☐ CM24SCF3-KIT | 24" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM48SCF3-KIT | 48" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM24NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-24" |
| ☐ CM48NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-48" |
| ☐ CSHC | Chain Hanger Assembly |
| ☐ MPSZT | Zip Tee Hanger - 1½" Spacer on T-Bar Ceiling |
| ☐ MPSTH | Slide Tong Hanger |
| ☐ MPSCRK-C | Continuous Row Kit, Curve |
| ☐ MPSCRK-F | Continuous Row Kit, Flat |
| ☐ MPSCRK-W | Continuous Row, Wedge |
| ☐ MPSWG2 | 2' Wire Guard |
| ☐ MPSWG4 | 4' Wire Guard¹ |
| ☐ MPSCE | Injection Molded ABS Material Curve Endcap |
| ☐ MPSCE-MB | Injection Molded ABS Material Curve Endcap, Matte Black |
| ☐ MPSFE | Injection Molded ABS Material Flat Endcap |
| ☐ MPSFE-MB | Injection Molded ABS Material Flat Endcap, Matte Black |
| ☐ MPSWE | Injection molded ABS Material Wedge Endcap |
| ☐ MPSWE-MB | Injection molded ABS Material Wedge Endcap, Matte Black |
| ☐ KIT REFL-MPS4 STL SLD W16 | 4' Symmetric Reflector Solid¹ |
| ☐ REFL-MPS4 STL SLTD W16 | 4' Symmetric Reflector Slotted¹ |
| ☐ REFL-MPS4 STL SLD ASYM W16 | 4' Asymmetric Reflector Solid¹ |
| ☐ CBL-HB-120-6Y-PAD | 10ft Adjustable 10" aircraft cable Y hanger paddle ends
(1 pair, must be used in conjunction with MPSTH accessory) |

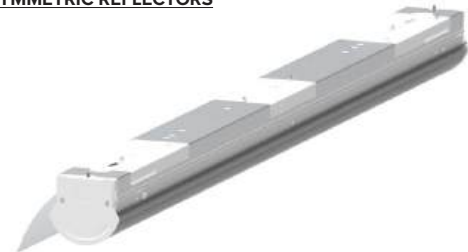
Notes:
1 Two Required for 8" fixture

SYMMETRIC REFLECTORS



KIT REFL-MPS4 STL SLD W16
4' Symmetric Reflector Solid

ASYMMETRIC REFLECTORS



REFL-MPS4 STL SLD ASYM W16
4' Asymmetric Reflector Solid

CONTINUOUS ROW MOUNT EXAMPLE GUIDE					
Continuous Row Length	MPS4	MPS8	MPSCRK-*	CM**SCF*-KIT	CM**NF-KIT
12' — Option 1	1	1	1	1	1
12' — Option 2	3	0	2	1	1
16' — Option 1	0	2	1	1	1
16' — Option 2	2	1	2	1	2
32' — Option 1	0	4	3	2	1
32' — Option 2	2	3	4	2	1



MPS
MULTIPURPOSE LINEAR

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DELIVERED LUMENS (CONTINUED)

STANDARD EFFICACY PERFORMANCE TABLE — 4'							
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW	
MPS4-XW	3500K	CURVE	WIDE	2560	16.2	158	
			NARROW	2534	16.2	156	
		FLAT	WIDE	2483	16.2	153	
		WEDGE	WIDE	2552	16.2	158	
		NO LENS		2739	16.2	169	
	4000K	CURVE	WIDE	2603	16.2	161	
			NARROW	2577	16.2	159	
		FLAT	WIDE	2525	16.2	156	
		WEDGE	WIDE	2595	16.2	160	
		NO LENS		2785	16.2	172	
	MPS4-VW	3500K	CURVE	WIDE	3271	20.5	160
				NARROW	3238	20.5	158
FLAT			WIDE	3173	20.5	155	
WEDGE			WIDE	3261	20.5	159	
NO LENS				3500	20.5	171	
4000K		CURVE	WIDE	3326	20.5	162	
			NARROW	3293	20.5	161	
		FLAT	WIDE	3226	20.5	157	
		WEDGE	WIDE	3316	20.5	162	
		NO LENS		3559	20.5	174	
MPS4-MW	3500K	CURVE	WIDE	3659	23.0	159	
			NARROW	3622	23.0	157	
		FLAT	WIDE	3549	23.0	154	
		WEDGE	WIDE	3648	23.0	159	
		NO LENS		3915	23.0	170	
	4000K	CURVE	WIDE	3721	23.0	162	
			NARROW	3684	23.0	160	
		FLAT	WIDE	3609	23.0	157	
		WEDGE	WIDE	3710	23.0	161	
		NO LENS		3981	23.0	173	
MPS4-LW	3500K	CURVE	WIDE	4270	26.9	159	
			NARROW	4227	26.9	157	
		FLAT	WIDE	4142	26.9	154	
		WEDGE	WIDE	4257	26.9	158	
		NO LENS		4569	26.9	170	
	4000K	CURVE	WIDE	4342	26.9	161	
			NARROW	4299	26.9	160	
		FLAT	WIDE	4212	26.9	157	
		WEDGE	WIDE	4329	26.9	161	
		NO LENS		4646	26.9	173	
MPS4-ML	3500K	CURVE	WIDE	4941	31.2	158	
			NARROW	4892	31.2	157	
		FLAT	WIDE	4793	31.2	154	
		WEDGE	WIDE	4926	31.2	158	
		NO LENS		5287	31.2	169	
	4000K	CURVE	WIDE	5025	31.2	161	
			NARROW	4975	31.2	159	
		FLAT	WIDE	4874	31.2	156	
		WEDGE	WIDE	5010	31.2	161	
		NO LENS		5377	31.2	172	

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS4-HL	3500K	CURVE	WIDE	5918	37.6	157
			NARROW	5859	37.6	156
		FLAT	WIDE	5740	37.6	153
		WEDGE	WIDE	5900	37.6	157
		NO LENS		6332	37.6	168
	4000K	CURVE	WIDE	6018	37.6	160
			NARROW	5958	37.6	158
		FLAT	WIDE	5837	37.6	155
		WEDGE	WIDE	6000	37.6	160
		NO LENS		6439	37.6	171
MPS4-VL	3500K	CURVE	WIDE	7128	46.5	153
			NARROW	7057	46.5	152
		FLAT	WIDE	6914	46.5	149
		WEDGE	WIDE	7107	46.5	153
		NO LENS		7627	46.5	164
	4000K	CURVE	WIDE	7249	46.5	156
			NARROW	7177	46.5	154
		FLAT	WIDE	7032	46.5	151
		WEDGE	WIDE	7227	46.5	155
		NO LENS		7756	46.5	167
MPS4-XL	3500K	CURVE	WIDE	8715	55.1	158
			NARROW	8628	55.1	157
		FLAT	WIDE	8454	55.1	153
		WEDGE	WIDE	8689	55.1	158
		NO LENS		9325	55.1	169
	4000K	CURVE	WIDE	8863	55.1	161
			NARROW	8774	55.1	159
		FLAT	WIDE	8597	55.1	156
		WEDGE	WIDE	8836	55.1	160
		NO LENS		9483	55.1	172
MPS4-UL	3500K	CURVE	WIDE	10168	65.6	155
			NARROW	10066	65.6	153
		FLAT	WIDE	9863	65.6	150
		WEDGE	WIDE	10137	65.6	155
		NO LENS		10880	65.6	166
	4000K	CURVE	WIDE	10340	65.6	158
			NARROW	10237	65.6	156
		FLAT	WIDE	10030	65.6	153
		WEDGE	WIDE	10309	65.6	157
		NO LENS		11064	65.6	169

Columbia
LIGHTING

MPS
MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

AMBIENT TEMPERATURE RATINGS

TEMPERATURE TABLE (C°) — 2', 4' & 8'					
80 CRI, Ceiling/Surface Mount					
Size	Lumen Package		Without Battery		With ELL14
			ED/ED1/EDD	ED347	With ELL14ST
2'	VW	1600	35	35	--
	MW	2200	35	35	--
	LW	2400	35	35	--
	ML	3400	35	35	--
	HL	3700	35	35	--
	VL	4400	35	35	--
	XL	5400	35	35	--
	UL	6200	35	35	--
4'	XW	2600	50	50	35
	VW	3300	50	50	35
	MW	3600	50	50	35
	LW	4000	50	50	35
	ML	4500	50	50	35
	HL	5800	45	45	35
	VL	6800	45	45	35
	XL	7800	45	45	35
8'	UL	10000	45	45	35
	XW	5200	50	50	35
	VW	6600	50	50	35
	MW	7200	50	50	35
	LW	7900	50	50	35
	ML	8900	50	50	35
	HL	11500	45	45	35
	VL	13500	45	45	35
	XL	15500	45	45	35
	UL	20000	45	45	35

Minimum ambient temperature is -30°C without battery and 0°C with battery

PROJECTED LUMEN MAINTENANCE

Calculation Method	Ambient Temp	25,000 hrs	50,000 hrs	60,000 hrs *
TM-21-11	25C/77F	0.93	0.86	0.84
TM-21-22	25C/77F	0.93	0.86	0.84

* Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

MPS4-35HL-CN-ED1U

Notes:**Type:****ST4**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

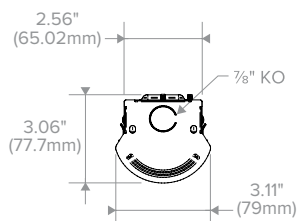
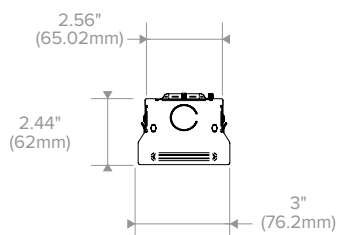
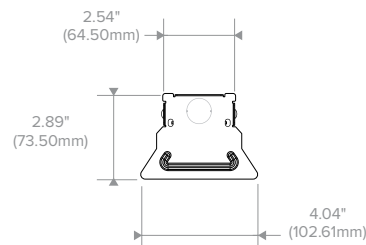
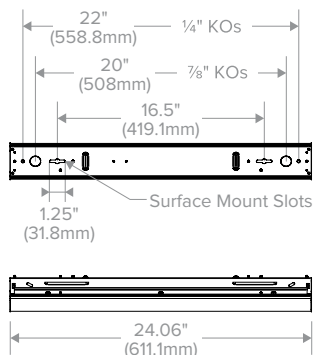
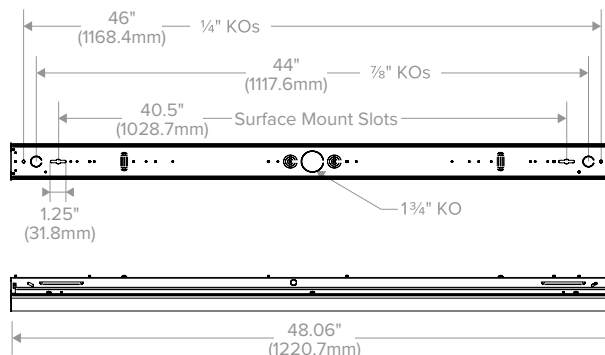
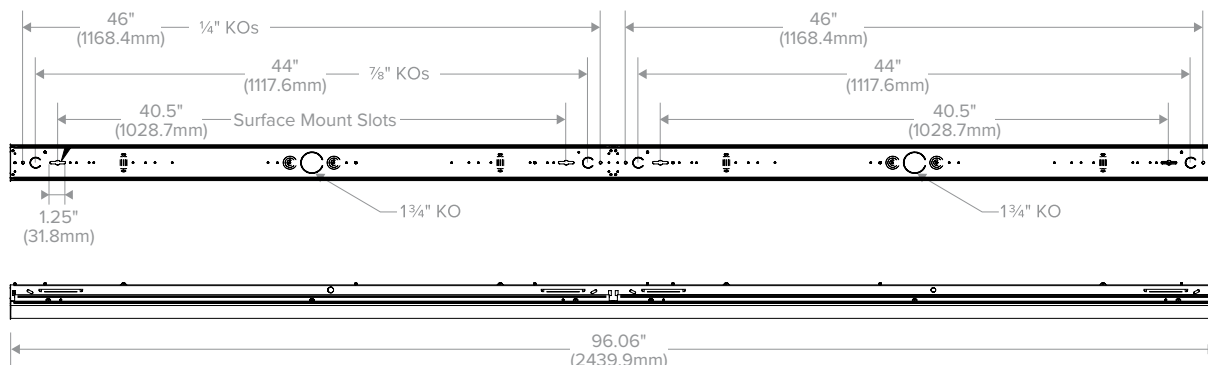
MPS

MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

DIMENSIONS**MPS END View - Curve Lens****MPS END View - Flat Lens****MPS END View - Wedge Lens****MPS 2' Dimensions****MPS 4' Dimensions****MPS 8' Dimensions**

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

MPS4-35HL-CN-ED1U-ELL14

Notes:**Type:****ST4E**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

MPS

MULTIPURPOSE LINEAR

FEATURES

- Uniform end-to-end lens brightness with optional continuous row mounting that gives an uninterrupted ribbon of light
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Available in 2', 4' or 8' lengths
- Optional 90 or 120 min integral emergency battery pack (CEC Title 20 Compliant)
- Curved, Flat, and Wedge acrylic lens and curved polycarbonate lens options or a no lens (NL) versions. Wide and Narrow distributions available.
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount or suspended mounting

**CONTROLS TECHNOLOGY****SPECIFICATIONS****CONSTRUCTION**

- Housing, wireway, and ends are formed from code-gauge steel
- Housing components act as heat sink for LED heat dissipation
- White painted parts are treated with a five stage phosphate bonding process and finished with high reflectance baked enamel

OPTICS

- Available with or without frosted lens

INSTALLATION

- Knockouts are provided for electrical access and mounting
- WARNING – Removing the lens during installation exposes the LEDs and due to their fragility they could be damaged. Handle the LED reflector plate with care, do not rest the LED reflector plate upside down directly on its LEDs as this could result in damage. Damage to LEDs from mishandling during installation will not be covered under warranty.**

ELECTRICAL

- Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance
- Driver options include fixed output for on/off function, step dimming (high/low/off), or continuous 0–10V dimming
- Superior drivers and long-life LEDs provide quality illumination for prolonged service life
- Drivers < 10% THD at 120V, power factor > 0.95
- Lumen packages up to 10,000 lumens rated to 40°C (104°F) max ambient. Lumen packages up to 5,000 lumens rated to 50°C (122°F) max ambient. Minimum ambient temperature -20°C (-4°F)

CONTROLS

- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- NX Connect is a standalone wireless deployment for room based applications using wireless enabled and battery operated devices
- SpectraSync (TM) Color Tuning Technology offers a tunable white solution and integrates seamlessly into a variety of control systems

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____



(Shown with optional end caps MPSCE)



NXWSM, NXESM



NXCS

SERVICE PROGRAMS**STOCK QS10**

End View Curve Lens		Typical Dimensions and Weights									
End View Flat Lens		Sizes	(B) Width: Inches (mm)			(C) Height: Inches (mm)			Weight lbs (kg)		
End View Wedge Lens			Curve Lens	Flat Lens	Wedge Lens	Curve Lens	Flat Lens	Wedge Lens			
		2'							4.0 (1.8)		
		4'	3.11 (79)	3.00 (76)	4.04 (103)	3.06 (78)	2.44 (62)	2.89 (73)	6.0 (2.7)		
		8"							12.0 (5.4)		

CERTIFICATIONS

- All luminaires are built to UL 1598 standards, and bear appropriate cCSAus labels
- Emergency battery pack options are California Energy Commission (CEC) Title 20 compliant
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- DLC® (DesignLights Consortium) Qualified, Please refer to the DLC website for specific product qualifications at www.designlights.org
- Adheres to LM79, LM80, and TM21 industry standards
- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram
- Product configurations not including battery packs or controls meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11) [See Buy America\(n\) Solutions](http://www.buyamerica.gov)

WARRANTY

- 5 year warranty

STOCK GUIDE

Catalog No.	UPC	Description	Weight (lbs)	Pallet Qty	DLC QPL
☐ MPS4-35ML-CW-EDU	078531138714	4', 80 CRI, 3500K, 4556 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 114 LPW, White	6.1	56	PKQ78077
☐ MPS4-35ML-FW-EDU	603134946413	4', 80 CRI, 3500K, 4230 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 134 LPW, White	6.1	56	P9P5CV62
☐ MPS4-40ML-CW-EDU	078531138721	4', 80 CRI, 4000K, 4614 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 115 LPW, White	6.1	56	P04CB252
☐ MPS4-40ML-FW-EDU	603134946420	4', 80 CRI, 3500K, 4277 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 135 LPW, White	6.1	56	PLLKQUUG
☐ MPS8-50ML-CW-EDU	078531138752	8', 80 CRI, 5000K, 9532 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 80W, 119 LPW, White	13.6	56	P5CRMP7L
☐ CSHC	078531000868	Chain Hanging Assembly - (2) 14" Chains and V-Hooks	0.2	N/A	N/A

Current

currentlighting.com/columbialighting

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COL_MPS_spec_R16

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DATE:	LOCATION:
TYPE:	PROJECT:
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ORDERING GUIDE

Gray Shading = Service Program
Limit of 150 Luminaires **QS10**

Example: MPS4-40ML-CW-EDU

MPS			Color Temp		Nominal Lumens		Lens		Distribution		Driver ⁴	
Model	Size ¹	CRI										
MPS MultiPurpose Linear	2' 2'	Blank >80	30	3000K	XW	4' (2600), 8' (5200)	C	Curve, Frosted Acrylic	N	Narrow Distribution ³	ED	0-10V Dimming
	4' 4'	9 90	35	3500K	VW	2'(1600), 4'(3300), 8' (6600)	F	Flat, Frosted Acrylic	W	Wide Distribution	ED1	0-10V 1% Dimming
	8' 8'		40	4000K	MW	2'(2200), 4'(3600), 8' (7200)	NL	No Lens			EDD	0-10V Dim-to-Off
			50	5000K	LW	2'(2400), 4'(4000), 8' (7900)	CP	Curve, Frosted Polycarbonate			ESD	Step Dimming ^{5, 10}
			2765T	2700K-6500K SpectraSync™ Tunable White ²	ML	2'(3400), 4'(4500), 8' (8900)	W	Wedge, Frosted Acrylic			LUTH	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology ^{5, 6}
					HL	2'(3700), 4'(5800), 8' (11,500)					DALIP	Powered by DALI ⁵
					VL	2' (4400), 4' (6800), 8' (13,500)						
					XL	2' (5400), 4' (7,800), 8' (15,500)						
					UL	2'(6200), 4'(10,000), 8'(20,000)						

Voltage	Options	Control Options ^{13, 23, 24, 25}
U 120V-277V	ELL14 10W Emergency Battery Pack (CEC Title 20 Compliant) Installed ^{5, 7, 8, 9}	NX Lighting Controls <u>Networked Wireless</u> NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{26, 27} NXWSM NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27} <u>Networked Wired</u> NXE NX Wired Dual RJ45 SmartPORTS , without Sensor ^{26, 27} NXESM NX Wired Dual RJ45 SmartPORTS & Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27} <u>Independent Control</u> NXCS NX Connect NXC-WIZ20 Wireless Indoor Occupancy & Photocell Sensor ^{5, 28, 29, 30} BTSL Bluetooth Programmable, BTSMP-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ^{26, 27}
347 347V (ED, ED1 only)	ELL14H2 9W Emergency Battery Pack (CEC Title 20 Compliant) Installed, 2-Hour Run Time ^{5, 7, 8, 9, 11} ELL14ST Emergency Battery Back, 1400 Lumens, Self Test ^{5, 7, 8} DTS Dimming Bypass Module ^{5, 12} MPSCE Injection Molded ABS Material Curve Endcap ¹³ MPSCE-MB Injection Molded ABS Material Curve Endcap, Matte Black ¹⁴ MPSFE Injection Molded ABS Material Flat Endcap ¹³ MPSFE-MB Injection Molded ABS Material Flat Endcap, Matte Black ¹⁴ MPSWE Injection Molded ABS Material Wedge Endcap ¹³ MPSWE-MB Injection molded ABS Material Wedge Endcap, Matte Black ¹⁴ MB Matte Black SLV Silver PAF Painted After Fabrication MST MASTER fixture that controls one or more SATELLITE fixtures in a continuous row application ^{15, 16, 17, 18, 19, 20, 21} SAT SATELLITE fixture controlled by MASTER fixture in a continuous row application ^{16, 17, 18, 19, 20, 21} INT Intermediate (provides ends with wiring access for continuous row mounting) ^{20, 21, 22} EOR End of Row (provides end wiring access for continuous row mounting) ^{20, 21, 22} GLR Fast Blow Fuse ⁵ BP Bulk Pack	Other Lighting Controls <u>Networked Wireless</u> LVR Lutron Vive Integral Fixture Control DFCSJ-OEM-RF (RF only) ^{5, 28, 29, 31} LVS Lutron Vive Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing) ^{5, 28, 29, 31} AWNRR Lutron Athena Integral Fixture Control A-WN-DO1-RF-WH (RF only) ^{5, 28, 29} AWNS Lutron Athena Integral Fixture Control A-WN-DO1-OCC-WH with Daylight and Occupancy Sensing ^{5, 26, 29} <u>Independent Control</u> ODPG Occupancy and Daylight Sensors w/ Grouping, Phillips SNS200 ^{5, 28, 29} ZLS05 Occupancy & Daylight Sensor, Leviton ZLS05 ^{5, 26, 29}

- Notes:
- 1 Refer to Row Mount Ordering Instructions for Continuous Row applications
 - 2 Refer to SpectraSync and NX Availability table. Only available with ED driver and 80 CRI.
 - 3 Only available with Curve, Frosted Acrylic lens option
 - 4 Dimming curves may vary dependent upon lumen output and driver option chosen. Separate dimming circuits are recommended if multiple driver options are chosen
 - 5 Not available in 347V
 - 6 Not available with 2ft: VW, MW, LW lumen packages, 4ft: XW, VL lumen packages or 8ft: MW, VL lumen packages
 - 7 To determine lumen output in emergency mode, multiply the battery pack wattage by the fixture lumens per watt (LPW)
 - 8 Not available with 2ft fixture.
 - 9 Not available with thru wire and XL or UL lumen package on 4ft and 8ft fixtures
 - 10 Max ambient temperature, 25°C
 - 11 Not available for use in Canada
 - 12 For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram. Cannot be combined with SpectraSync or Controls options in 2ft fixture
 - 13 PAF option included when this option is chosen
 - 14 Only available with MB or SLV finish options

- Continuous Row Options**
- 15 Not available with INT option
 - 16 One MST fixture can control multiple SAT fixtures but a SAT fixture can only be controlled by one MST fixture
 - 17 Only available with NX Networked, NX Wired and NX Wireless Controls, consult factory for applications
 - 18 Not available with LUTH
 - 19 Not available with DTS
 - 20 All fixtures in a continuous row application must use the same driver type and voltage
 - 21 Quick connect wiring harness included
 - 22 Suspension support required at every fixture coupling, see Mounting Accessories Guide

- All Controls**
- 23 Control Options include injection molded ABS end cap
 - 24 Dry location rated only
 - 25 Minimum ambient temperature: 0°C (32°F)

- NX Lighting Controls**
- 26 Only available with ED, ED1 or EDD driver options
 - 27 Not available in 2ft when combined with SpectraSync

- Other Lighting Controls Options**
- 28 Only available with DALIP driver option
 - 29 Not available with SpectraSync
 - 30 Not available with 2ft: VW, MW and LW lumen packages or 4ft: XW lumen package
 - 31 Vive is a trademark of Lutron Electronics Co., Inc.

Columbia
LIGHTING

MPS
MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

ORDERING GUIDE (CONTINUED)

Accessories

- | | |
|---|---|
| ☐ S18 | 18" Stem, Canopy |
| ☐ SS18 | 18" Swivel Stem—45° Swivel |
| ☐ CM24SCF3-KIT | 24" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM48SCF3-KIT | 48" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM24NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-24" |
| ☐ CM48NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-48" |
| ☐ CSHC | Chain Hanger Assembly |
| ☐ MPSZT | Zip Tee Hanger - 1½" Spacer on T-Bar Ceiling |
| ☐ MPSTH | Slide Tong Hanger |
| ☐ MPSCRK-C | Continuous Row Kit, Curve |
| ☐ MPSCRK-F | Continuous Row Kit, Flat |
| ☐ MPSCRK-W | Continuous Row, Wedge |
| ☐ MPSWG2 | 2' Wire Guard |
| ☐ MPSWG4 | 4' Wire Guard¹ |
| ☐ MPSCE | Injection Molded ABS Material Curve Endcap |
| ☐ MPSCE-MB | Injection Molded ABS Material Curve Endcap, Matte Black |
| ☐ MPSFE | Injection Molded ABS Material Flat Endcap |
| ☐ MPSFE-MB | Injection Molded ABS Material Flat Endcap, Matte Black |
| ☐ MPSWE | Injection molded ABS Material Wedge Endcap |
| ☐ MPSWE-MB | Injection molded ABS Material Wedge Endcap, Matte Black |
| ☐ KIT REFL-MPS4 STL SLD W16 | 4' Symmetric Reflector Solid¹ |
| ☐ REFL-MPS4 STL SLTD W16 | 4' Symmetric Reflector Slotted¹ |
| ☐ REFL-MPS4 STL SLD ASYM W16 | 4' Asymmetric Reflector Solid¹ |
| ☐ CBL-HB-120-6Y-PAD | 10ft Adjustable 10" aircraft cable Y hanger paddle ends
(1 pair, must be used in conjunction with MPSTH accessory) |

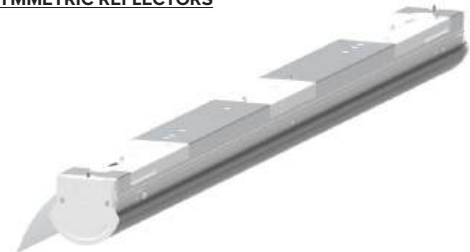
Notes:
1 Two Required for 8" fixture

SYMMETRIC REFLECTORS



KIT REFL-MPS4 STL SLD W16
4' Symmetric Reflector Solid

ASYMMETRIC REFLECTORS



REFL-MPS4 STL SLD ASYM W16
4' Asymmetric Reflector Solid

CONTINUOUS ROW MOUNT EXAMPLE GUIDE					
Continuous Row Length	MPS4	MPS8	MPSCRK-*	CM**SCF*-KIT	CM**NF-KIT
12' — Option 1	1	1	1	1	1
12' — Option 2	3	0	2	1	1
16' — Option 1	0	2	1	1	1
16' — Option 2	2	1	2	1	2
32' — Option 1	0	4	3	2	1
32' — Option 2	2	3	4	2	1



MPS
MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

DELIVERED LUMENS (CONTINUED)

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS4-XW	3500K	CURVE	WIDE	2560	16.2	158
			NARROW	2534	16.2	156
		FLAT	WIDE	2483	16.2	153
		WEDGE	WIDE	2552	16.2	158
	4000K	CURVE	WIDE	2603	16.2	161
			NARROW	2577	16.2	159
		FLAT	WIDE	2525	16.2	156
		WEDGE	WIDE	2595	16.2	160
MPS4-VW	3500K	CURVE	WIDE	3271	20.5	160
			NARROW	3238	20.5	158
		FLAT	WIDE	3173	20.5	155
		WEDGE	WIDE	3261	20.5	159
	4000K	CURVE	WIDE	3326	20.5	162
			NARROW	3293	20.5	161
		FLAT	WIDE	3226	20.5	157
		WEDGE	WIDE	3316	20.5	162
MPS4-MW	3500K	CURVE	WIDE	3659	23.0	159
			NARROW	3622	23.0	157
		FLAT	WIDE	3549	23.0	154
		WEDGE	WIDE	3648	23.0	159
	4000K	CURVE	WIDE	3721	23.0	162
			NARROW	3684	23.0	160
		FLAT	WIDE	3609	23.0	157
		WEDGE	WIDE	3710	23.0	161
MPS4-LW	3500K	CURVE	WIDE	4270	26.9	159
			NARROW	4227	26.9	157
		FLAT	WIDE	4142	26.9	154
		WEDGE	WIDE	4257	26.9	158
	4000K	CURVE	WIDE	4342	26.9	161
			NARROW	4299	26.9	160
		FLAT	WIDE	4212	26.9	157
		WEDGE	WIDE	4329	26.9	161
MPS4-ML	3500K	CURVE	WIDE	4941	31.2	158
			NARROW	4892	31.2	157
		FLAT	WIDE	4793	31.2	154
		WEDGE	WIDE	4926	31.2	158
	4000K	CURVE	WIDE	5025	31.2	161
			NARROW	4975	31.2	159
		FLAT	WIDE	4874	31.2	156
		WEDGE	WIDE	5010	31.2	161

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS4-HL	3500K	CURVE	WIDE	5918	37.6	157
			NARROW	5859	37.6	156
		FLAT	WIDE	5740	37.6	153
		WEDGE	WIDE	5900	37.6	157
	4000K	CURVE	WIDE	6018	37.6	160
			NARROW	5958	37.6	158
		FLAT	WIDE	5837	37.6	155
		WEDGE	WIDE	6000	37.6	160
MPS4-VL	3500K	CURVE	WIDE	7128	46.5	153
			NARROW	7057	46.5	152
		FLAT	WIDE	6914	46.5	149
		WEDGE	WIDE	7107	46.5	153
	4000K	CURVE	WIDE	7249	46.5	156
			NARROW	7177	46.5	154
		FLAT	WIDE	7032	46.5	151
		WEDGE	WIDE	7227	46.5	155
MPS4-XL	3500K	CURVE	WIDE	8715	55.1	158
			NARROW	8628	55.1	157
		FLAT	WIDE	8454	55.1	153
		WEDGE	WIDE	8689	55.1	158
	4000K	CURVE	WIDE	8863	55.1	161
			NARROW	8774	55.1	159
		FLAT	WIDE	8597	55.1	156
		WEDGE	WIDE	8836	55.1	160
MPS4-UL	3500K	CURVE	WIDE	10168	65.6	155
			NARROW	10066	65.6	153
		FLAT	WIDE	9863	65.6	150
		WEDGE	WIDE	10137	65.6	155
	4000K	CURVE	WIDE	10340	65.6	158
			NARROW	10237	65.6	156
		FLAT	WIDE	10030	65.6	153
		WEDGE	WIDE	10309	65.6	157

Columbia
LIGHTING

MPS

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DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

AMBIENT TEMPERATURE RATINGS

TEMPERATURE TABLE (C°) — 2', 4' & 8'					
80 CRI, Ceiling/Surface Mount					
Size	Lumen Package		Without Battery		With ELL14
			ED/ED1/EDD	ED347	With ELL14ST
2'	VW	1600	35	35	--
	MW	2200	35	35	--
	LW	2400	35	35	--
	ML	3400	35	35	--
	HL	3700	35	35	--
	VL	4400	35	35	--
	XL	5400	35	35	--
	UL	6200	35	35	--
4'	XW	2600	50	50	35
	VW	3300	50	50	35
	MW	3600	50	50	35
	LW	4000	50	50	35
	ML	4500	50	50	35
	HL	5800	45	45	35
	VL	6800	45	45	35
	XL	7800	45	45	35
8'	UL	10000	45	45	35
	XW	5200	50	50	35
	VW	6600	50	50	35
	MW	7200	50	50	35
	LW	7900	50	50	35
	ML	8900	50	50	35
	HL	11500	45	45	35
	VL	13500	45	45	35
	XL	15500	45	45	35
	UL	20000	45	45	35

Minimum ambient temperature is -30°C without battery and 0°C with battery

PROJECTED LUMEN MAINTENANCE

Calculation Method	Ambient Temp	25,000 hrs	50,000 hrs	60,000 hrs *
TM-21-11	25C/77F	0.93	0.86	0.84
TM-21-22	25C/77F	0.93	0.86	0.84

* Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

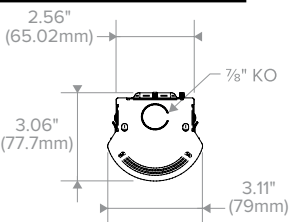
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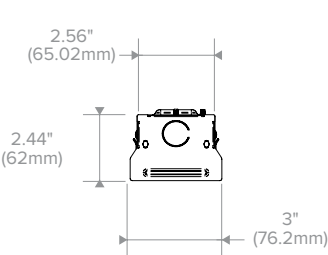
DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DIMENSIONS

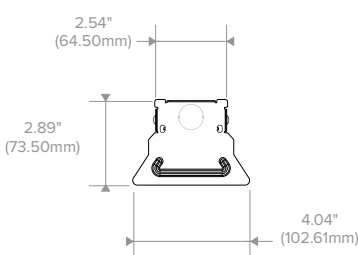
MPS END View - Curve Lens



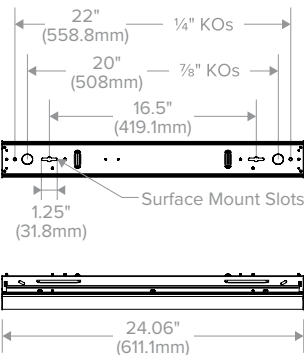
MPS END View - Flat Lens



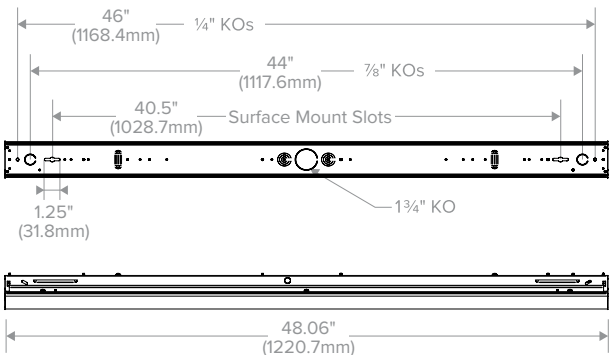
MPS END View - Wedge Lens



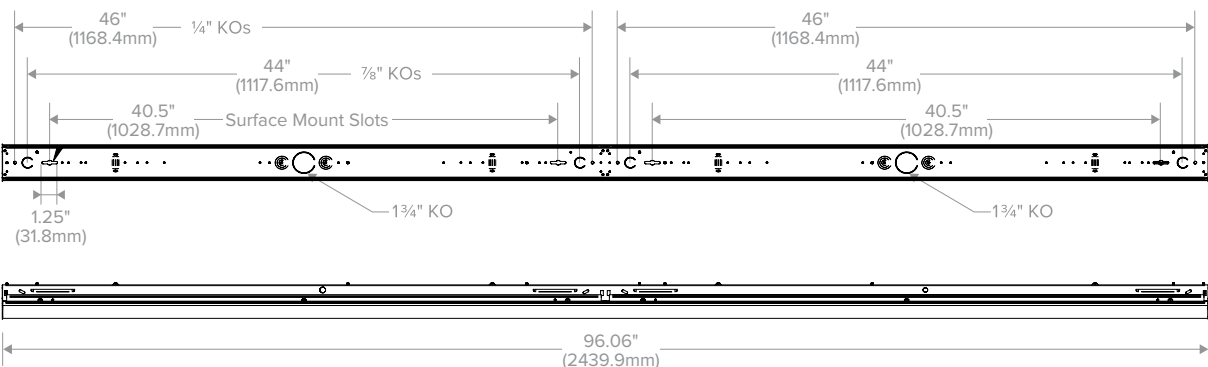
MPS 2' Dimensions



MPS 4' Dimensions



MPS 8' Dimensions



**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:
MPS8-35HL-CN-ED1U

Notes:

Type:

ST8

FRM-GREENVILLE26-164793

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FEATURES

- Uniform end-to-end lens brightness with optional continuous row mounting that gives an uninterrupted ribbon of light
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Available in 2', 4' or 8' lengths
- Optional 90 or 120 min integral emergency battery pack (CEC Title 20 Compliant)
- Curved, Flat, and Wedge acrylic lens and curved polycarbonate lens options or a no lens (NL) versions. Wide and Narrow distributions available.
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount or suspended mounting

**CONTROLS TECHNOLOGY****SPECIFICATIONS****CONSTRUCTION**

- Housing, wireway, and ends are formed from code-gauge steel
- Housing components act as heat sink for LED heat dissipation
- White painted parts are treated with a five stage phosphate bonding process and finished with high reflectance baked enamel

OPTICS

- Available with or without frosted lens

INSTALLATION

- Knockouts are provided for electrical access and mounting
- WARNING – Removing the lens during installation exposes the LEDs and due to their fragility they could be damaged. Handle the LED reflector plate with care, do not rest the LED reflector plate upside down directly on its LEDs as this could result in damage. Damage to LEDs from mishandling during installation will not be covered under warranty.**

ELECTRICAL

- Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance
- Driver options include fixed output for on/off function, step dimming (high/low/off), or continuous 0–10V dimming
- Superior drivers and long-life LEDs provide quality illumination for prolonged service life
- Drivers < 10% THD at 120V, power factor > 0.95
- Lumen packages up to 10,000 lumens rated to 40°C (104°F) max ambient. Lumen packages up to 5,000 lumens rated to 50°C (122°F) max ambient. Minimum ambient temperature -20°C (-4°F)

CONTROLS

- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- NX Connect is a standalone wireless deployment for room based applications using wireless enabled and battery operated devices
- SpectraSync (TM) Color Tuning Technology offers a tunable white solution and integrates seamlessly into a variety of control systems

DATE: _____ LOCATION: _____
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(Shown with optional end caps MPSCE)



NXWSM, NXESM



NXCS

SERVICE PROGRAMS**STOCK QS10**

End View Curve Lens	Typical Dimensions and Weights						
	(B) Width: Inches (mm)			(C) Height: Inches (mm)			Weight lbs (kg)
	Curve Lens	Flat Lens	Wedge Lens	Curve Lens	Flat Lens	Wedge Lens	
2'							4.0 (1.8)
4'	3.11 (79)	3.00 (76)	4.04 (103)	3.06 (78)	2.44 (62)	2.89 (73)	6.0 (2.7)
8'							12.0 (5.4)

CERTIFICATIONS

- All luminaires are built to UL 1598 standards, and bear appropriate cCSAus labels
- Emergency battery pack options are California Energy Commission (CEC) Title 20 compliant
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- DLC® (DesignLights Consortium) Qualified, Please refer to the DLC website for specific product qualifications at www.designlights.org
- Adheres to LM79, LM80, and TM21 industry standards
- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram
- Product configurations not including battery packs or controls meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11) [See Buy America\(n\) Solutions](http://www.buyamerica.gov)

WARRANTY

- 5 year warranty

STOCK GUIDE

Catalog No.	UPC	Description	Weight (lbs)	Pallet Qty	DLC QPL
☐ MPS4-35ML-CW-EDU	078531138714	4', 80 CRI, 3500K, 4556 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 114 LPW, White	6.1	56	PKQ78077
☐ MPS4-35ML-FW-EDU	603134946413	4', 80 CRI, 3500K, 4230 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 134 LPW, White	6.1	56	P9P5CV62
☐ MPS4-40ML-CW-EDU	078531138721	4', 80 CRI, 4000K, 4614 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 115 LPW, White	6.1	56	P04CB252
☐ MPS4-40ML-FW-EDU	603134946420	4', 80 CRI, 3500K, 4277 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 135 LPW, White	6.1	56	PLLKQUUG
☐ MPS8-50ML-CW-EDU	078531138752	8', 80 CRI, 5000K, 9532 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 80W, 119 LPW, White	13.6	56	P5CRMP7L
☐ CSHC	078531000868	Chain Hanging Assembly - (2) 14" Chains and V-Hooks	0.2	N/A	N/A

Current

currentlighting.com/columbialighting

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Gray Shading = Service Program
Limit of 150 Luminaires

QS10

ORDERING GUIDE

Example: MPS4-40ML-CW-EDU

MPS												
Model	Size ¹	CRI	Color Temp		Nominal Lumens		Lens		Distribution		Driver ⁴	
MPS MultiPurpose Linear	2' 2"	Blank >80	30	3000K	XW	4' (2600), 8' (5200)	C	Curve, Frosted Acrylic	N	Narrow Distribution ³	ED	0–10V Dimming
	4' 4"	9 90	35	3500K	VW	2'(1600), 4'(3300), 8' (6600)	F	Flat, Frosted Acrylic	W	Wide Distribution	ED1	0–10V 1% Dimming
	8' 8"		40	4000K	MW	2'(2200), 4'(3600), 8' (7200)	NL	No Lens			EDD	0–10V Dim-to-Off
			50	5000K	LW	2'(2400), 4'(4000), 8' (7900)	CP	Curve, Frosted Polycarbonate			ESD	Step Dimming ^{5, 10}
			2765T	2700K–6500K SpectraSync™ Tunable White ²	ML	2'(3400), 4'(4500), 8' (8900)	W	Wedge, Frosted Acrylic			LUTH	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology ^{5, 6}
					HL	2'(3700), 4'(5800), 8' (11,500)					DALIP	Powered by DALI ⁵
					VL	2' (4400), 4' (6800), 8' (13,500)						
					XL	2' (5400), 4' (7,800), 8' (15,500)						
					UL	2'(6200), 4'(10,000), 8'(20,000)						

Voltage	Options	Control Options ^{13, 23, 24, 25}
U 120V-277V	ELL14 10W Emergency Battery Pack (CEC Title 20 Compliant) Installed ^{5, 7, 8, 9}	NX Lighting Controls <u>Networked Wireless</u> NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{26, 27} NXWSM NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27} <u>Networked Wired</u> NXE NX Wired Dual RJ45 SmartPORTS, without Sensor ^{26, 27} NXESM NX Wired Dual RJ45 SmartPORTS & Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27} <u>Independent Control</u> NXCS NX Connect NXC-WIZ20 Wireless Indoor Occupancy & Photocell Sensor ^{5, 28, 29, 30} BTSL Bluetooth Programmable, BTSMP-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ^{26, 27}
347 347V (ED, ED1 only)	ELL14H2 9W Emergency Battery Pack (CEC Title 20 Compliant) Installed, 2-Hour Run Time ^{5, 7, 8, 9, 11} ELL14ST Emergency Battery Back, 1400 Lumens, Self Test ^{5, 7, 8} DTS Dimming Bypass Module ^{5, 12} MPSCE Injection Molded ABS Material Curve Endcap ¹³ MPSCE-MB Injection Molded ABS Material Curve Endcap, Matte Black ¹⁴ MPSFE Injection Molded ABS Material Flat Endcap ¹³ MPSFE-MB Injection Molded ABS Material Flat Endcap, Matte Black ¹⁴ MPSWE Injection Molded ABS Material Wedge Endcap ¹³ MPSWE-MB Injection molded ABS Material Wedge Endcap, Matte Black ¹⁴ MB Matte Black SLV Silver PAF Painted After Fabrication MST MASTER fixture that controls one or more SATELLITE fixtures in a continuous row application ^{15, 16, 17, 18, 19, 20, 21} SAT SATELLITE fixture controlled by MASTER fixture in a continuous row application ^{16, 17, 18, 19, 20, 21} INT Intermediate (provides ends with wiring access for continuous row mounting) ^{20, 21, 22} EOR End of Row (provides end wiring access for continuous row mounting) ^{20, 21, 22} GLR Fast Blow Fuse ⁵ BP Bulk Pack	Other Lighting Controls <u>Networked Wireless</u> LVR Lutron Vive Integral Fixture Control DFCSJ-OEM-RF (RF only) ^{5, 28, 29, 31} LVS Lutron Vive Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing) ^{5, 28, 29, 31} AWNAR Lutron Athena Integral Fixture Control A-WN-DO1-RF-WH (RF only) ^{5, 28, 29} AWNS Lutron Athena Integral Fixture Control A-WN-DO1-OCC-WH with Daylight and Occupancy Sensing ^{5, 26, 29} <u>Independent Control</u> ODPG Occupancy and Daylight Sensors w/ Grouping, Phillips SNS200 ^{5, 28, 29} ZLS05 Occupancy & Daylight Sensor, Leviton ZLS05 ^{5, 26, 29}

- Notes:
- Refer to Row Mount Ordering Instructions for Continuous Row applications
 - Refer to SpectraSync and NX Availability table. Only available with ED driver and 80 CRI.
 - Only available with Curve, Frosted Acrylic lens option
 - Dimming curves may vary dependent upon lumen output and driver option chosen. Separate dimming circuits are recommended if multiple driver options are chosen
 - Not available in 347V
 - Not available with 2ft: VW, MW, LW lumen packages, 4ft: XW, VL lumen packages or 8ft: MW, VL lumen packages
 - To determine lumen output in emergency mode, multiply the battery pack wattage by the fixture lumens per watt (LPW)
 - Not available with 2ft fixture.
 - Not available with thru wire and XL or UL lumen package on 4ft and 8ft fixtures
 - Max ambient temperature, 25°C
 - Not available for use in Canada
 - For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram. Cannot be combined with SpectraSync or Controls options in 2ft fixture
 - PAF option included when this option is chosen
 - Only available with MB or SLV finish options

- Continuous Row Options**
- Not available with INT option
 - One MST fixture can control multiple SAT fixtures but a SAT fixture can only be controlled by one MST fixture
 - Only available with NX Networked, NX Wired and NX Wireless Controls, consult factory for applications
 - Not available with LUTH
 - Not available with DTS
 - All fixtures in a continuous row application must use the same driver type and voltage
 - Quick connect wiring harness included
 - Suspension support required at every fixture coupling, see Mounting Accessories Guide
- All Controls**
- Control Options include injection molded ABS end cap
 - Dry location rated only
 - Minimum ambient temperature: 0°C (32°F)

- NX Lighting Controls**
- Only available with ED, ED1 or EDD driver options
 - Not available in 2ft when combined with SpectraSync
- Other Lighting Controls Options**
- Only available with DALIP driver option
 - Not available with SpectraSync
 - Not available with 2ft: VW, MW and LW lumen packages or 4ft: XW lumen package
 - Vive is a trademark of Lutron Electronics Co., Inc.

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ORDERING GUIDE (CONTINUED)

Accessories

- | | |
|---|---|
| ☐ S18 | 18" Stem, Canopy |
| ☐ SS18 | 18" Swivel Stem—45° Swivel |
| ☐ CM24SCF3-KIT | 24" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM48SCF3-KIT | 48" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM24NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-24" |
| ☐ CM48NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-48" |
| ☐ CSHC | Chain Hanger Assembly |
| ☐ MPSZT | Zip Tee Hanger - 1½" Spacer on T-Bar Ceiling |
| ☐ MPSTH | Slide Tong Hanger |
| ☐ MPSCRK-C | Continuous Row Kit, Curve |
| ☐ MPSCRK-F | Continuous Row Kit, Flat |
| ☐ MPSCRK-W | Continuous Row, Wedge |
| ☐ MPSWG2 | 2' Wire Guard |
| ☐ MPSWG4 | 4' Wire Guard¹ |
| ☐ MPSCE | Injection Molded ABS Material Curve Endcap |
| ☐ MPSCE-MB | Injection Molded ABS Material Curve Endcap, Matte Black |
| ☐ MPSFE | Injection Molded ABS Material Flat Endcap |
| ☐ MPSFE-MB | Injection Molded ABS Material Flat Endcap, Matte Black |
| ☐ MPSWE | Injection molded ABS Material Wedge Endcap |
| ☐ MPSWE-MB | Injection molded ABS Material Wedge Endcap, Matte Black |
| ☐ KIT REFL-MPS4 STL SLD W16 | 4' Symmetric Reflector Solid¹ |
| ☐ REFL-MPS4 STL SLTD W16 | 4' Symmetric Reflector Slotted¹ |
| ☐ REFL-MPS4 STL SLD ASYM W16 | 4' Asymmetric Reflector Solid¹ |
| ☐ CBL-HB-120-6Y-PAD | 10ft Adjustable 10" aircraft cable Y hanger paddle ends
(1 pair, must be used in conjunction with MPSTH accessory) |

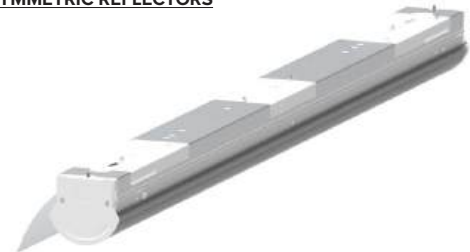
Notes:
1 Two Required for 8" fixture

SYMMETRIC REFLECTORS



KIT REFL-MPS4 STL SLD W16
4' Symmetric Reflector Solid

ASYMMETRIC REFLECTORS



REFL-MPS4 STL SLD ASYM W16
4' Asymmetric Reflector Solid

CONTINUOUS ROW MOUNT EXAMPLE GUIDE					
Continuous Row Length	MPS4	MPS8	MPSCRK-*	CM**SCF*-KIT	CM**NF-KIT
12' — Option 1	1	1	1	1	1
12' — Option 2	3	0	2	1	1
16' — Option 1	0	2	1	1	1
16' — Option 2	2	1	2	1	2
32' — Option 1	0	4	3	2	1
32' — Option 2	2	3	4	2	1

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DELIVERED LUMENS (CONTINUED)

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS8-XW	3500K	CURVE	WIDE	5120	31.2	164
			NARROW	5069	31.2	162
		FLAT	WIDE	4966	31.2	159
		WEDGE	WIDE	5105	31.2	164
	4000K	CURVE	WIDE	5207	31.2	167
			NARROW	5155	31.2	165
		FLAT	WIDE	5051	31.2	162
		WEDGE	WIDE	5191	31.2	166
MPS8-VW	3500K	CURVE	WIDE	6542	39.7	165
			NARROW	6477	39.7	163
		FLAT	WIDE	6346	39.7	160
		WEDGE	WIDE	6522	39.7	164
	4000K	CURVE	WIDE	7119	39.7	179
			NARROW	7000	39.7	176
		FLAT	WIDE	6653	39.7	168
		WEDGE	WIDE	6586	39.7	166
MPS8-MW	3500K	CURVE	WIDE	7318	44.7	164
			NARROW	7245	44.7	162
		FLAT	WIDE	7098	44.7	159
		WEDGE	WIDE	7296	44.7	163
	4000K	CURVE	WIDE	7963	44.7	178
			NARROW	7830	44.7	175
		FLAT	WIDE	7442	44.7	166
		WEDGE	WIDE	7368	44.7	165
MPS8-LW	3500K	CURVE	WIDE	8539	52.8	162
			NARROW	8454	52.8	160
		FLAT	WIDE	8283	52.8	157
		WEDGE	WIDE	8513	52.8	161
	4000K	CURVE	WIDE	9137	52.8	173
			NARROW	8684	52.8	164
		FLAT	WIDE	8597	52.8	163
		WEDGE	WIDE	8423	52.8	160
MPS8-ML	3500K	CURVE	WIDE	9882	61.5	161
			NARROW	9783	61.5	159
		FLAT	WIDE	9586	61.5	156
		WEDGE	WIDE	9852	61.5	160
	4000K	CURVE	WIDE	10574	61.5	172
			NARROW	10049	61.5	163
		FLAT	WIDE	9949	61.5	162
		WEDGE	WIDE	9748	61.5	158

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS8-HL	3500K	CURVE	WIDE	11835	75.0	158
			NARROW	11717	75.0	156
		FLAT	WIDE	11480	75.0	153
		WEDGE	WIDE	11799	75.0	157
	4000K	CURVE	WIDE	12663	75.0	169
			NARROW	12036	75.0	160
		FLAT	WIDE	11916	75.0	159
		WEDGE	WIDE	11675	75.0	156
MPS8-VL	3500K	CURVE	WIDE	12879	75.0	172
			NARROW	12663	75.0	169
		FLAT	WIDE	12000	75.0	160
		WEDGE	WIDE	12663	75.0	169
	4000K	CURVE	WIDE	14257	93.1	153
			NARROW	14114	93.1	152
		FLAT	WIDE	13829	93.1	149
		WEDGE	WIDE	14214	93.1	153
MPS8-XL	3500K	CURVE	WIDE	15255	93.1	164
			NARROW	15513	93.1	167
		FLAT	WIDE	14498	93.1	156
		WEDGE	WIDE	14455	93.1	155
	4000K	CURVE	WIDE	16908	110.8	157
			NARROW	16908	110.8	153
		FLAT	WIDE	17379	110.8	157
		WEDGE	WIDE	17379	110.8	157
MPS8-UL	3500K	CURVE	WIDE	18651	110.8	168
			NARROW	18967	110.8	171
		FLAT	WIDE	17726	110.8	160
		WEDGE	WIDE	17549	110.8	158
	4000K	CURVE	WIDE	20336	131.3	155
			NARROW	20133	131.3	153
		FLAT	WIDE	19726	131.3	150
		WEDGE	WIDE	20275	131.3	154

Columbia
LIGHTING

MPS
MULTIPURPOSE LINEAR

DATE: _____

 TYPE: _____

 CATALOG #: _____

LOCATION: _____

 PROJECT: _____

AMBIENT TEMPERATURE RATINGS

TEMPERATURE TABLE (C°) — 2', 4' & 8'					
80 CRI, Ceiling/Surface Mount					
Size	Lumen Package		Without Battery		With ELL14
			ED/ED1/EDD	ED347	With ELL14ST
2'	VW	1600	35	35	--
	MW	2200	35	35	--
	LW	2400	35	35	--
	ML	3400	35	35	--
	HL	3700	35	35	--
	VL	4400	35	35	--
	XL	5400	35	35	--
	UL	6200	35	35	--
4'	XW	2600	50	50	35
	VW	3300	50	50	35
	MW	3600	50	50	35
	LW	4000	50	50	35
	ML	4500	50	50	35
	HL	5800	45	45	35
	VL	6800	45	45	35
	XL	7800	45	45	35
8'	UL	10000	45	45	35
	XW	5200	50	50	35
	VW	6600	50	50	35
	MW	7200	50	50	35
	LW	7900	50	50	35
	ML	8900	50	50	35
	HL	11500	45	45	35
	VL	13500	45	45	35
	XL	15500	45	45	35
	UL	20000	45	45	35

Minimum ambient temperature is -30°C without battery and 0°C with battery

PROJECTED LUMEN MAINTENANCE

Calculation Method	Ambient Temp	25,000 hrs	50,000 hrs	60,000 hrs *
TM-21-11	25C/77F	0.93	0.86	0.84
TM-21-22	25C/77F	0.93	0.86	0.84

* Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:
MPS8-35HL-CN-ED1U

Notes:

Type:

ST8

FRM-GREENVILLE26-164793

Columbia
LIGHTING

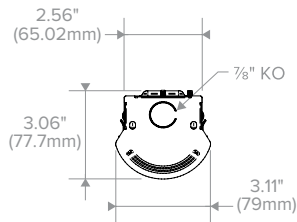
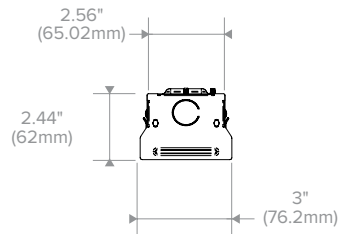
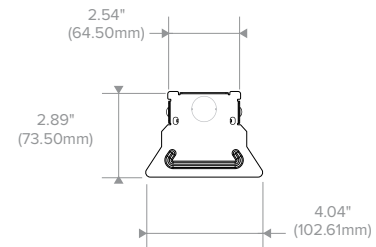
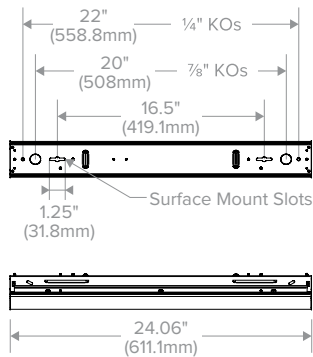
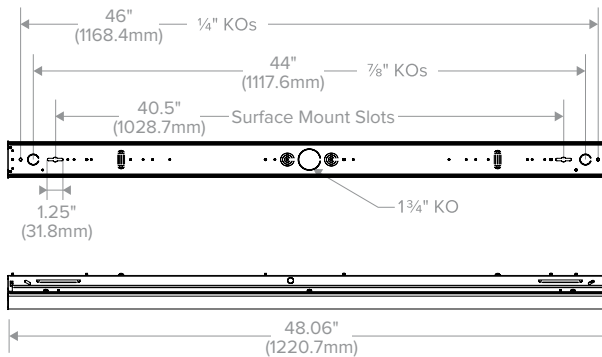
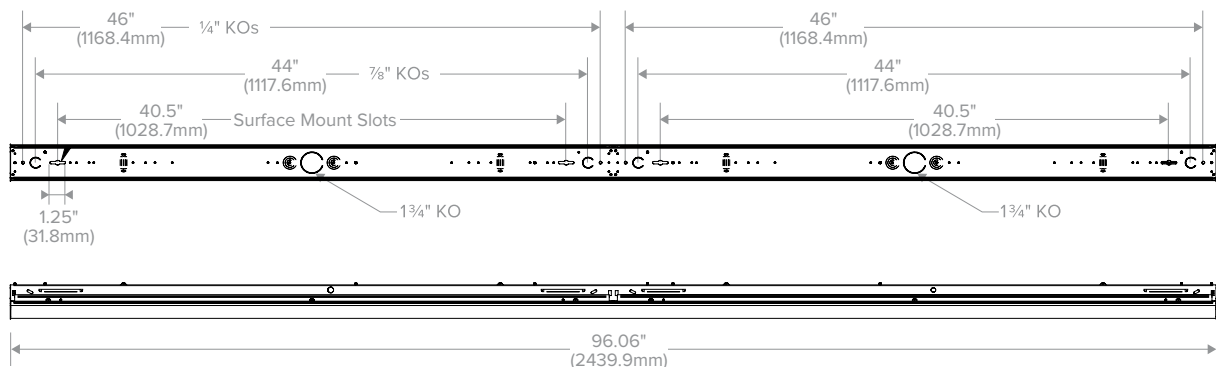
MPS

MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

DIMENSIONS**MPS END View - Curve Lens****MPS END View - Flat Lens****MPS END View - Wedge Lens****MPS 2' Dimensions****MPS 4' Dimensions****MPS 8' Dimensions**

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

MPS8-35HL-CN-ED1U-ELL14

Notes:**Type:****ST8E**

FRM-GREENVILLE26-164793

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FEATURES

- Uniform end-to-end lens brightness with optional continuous row mounting that gives an uninterrupted ribbon of light
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Available in 2', 4' or 8' lengths
- Optional 90 or 120 min integral emergency battery pack (CEC Title 20 Compliant)
- Curved, Flat, and Wedge acrylic lens and curved polycarbonate lens options or a no lens (NL) versions. Wide and Narrow distributions available.
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount or suspended mounting

**CONTROLS TECHNOLOGY****SPECIFICATIONS****CONSTRUCTION**

- Housing, wireway, and ends are formed from code-gauge steel
- Housing components act as heat sink for LED heat dissipation
- White painted parts are treated with a five stage phosphate bonding process and finished with high reflectance baked enamel

OPTICS

- Available with or without frosted lens

INSTALLATION

- Knockouts are provided for electrical access and mounting
- WARNING – Removing the lens during installation exposes the LEDs and due to their fragility they could be damaged. Handle the LED reflector plate with care, do not rest the LED reflector plate upside down directly on its LEDs as this could result in damage. Damage to LEDs from mishandling during installation will not be covered under warranty.**

ELECTRICAL

- Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance
- Driver options include fixed output for on/off function, step dimming (high/low/off), or continuous 0–10V dimming
- Superior drivers and long-life LEDs provide quality illumination for prolonged service life
- Drivers < 10% THD at 120V, power factor > 0.95
- Lumen packages up to 10,000 lumens rated to 40°C (104°F) max ambient. Lumen packages up to 5,000 lumens rated to 50°C (122°F) max ambient. Minimum ambient temperature -20°C (-4°F)

CONTROLS

- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- NX Connect is a standalone wireless deployment for room based applications using wireless enabled and battery operated devices
- SpectraSync (TM) Color Tuning Technology offers a tunable white solution and integrates seamlessly into a variety of control systems

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____



(Shown with optional end caps MPSCE)



NXWSM, NXESM



NXCS

SERVICE PROGRAMS**STOCK QS10**

End View Curve Lens	Typical Dimensions and Weights						
	(B) Width: Inches (mm)			(C) Height: Inches (mm)			Weight lbs (kg)
	Curve Lens	Flat Lens	Wedge Lens	Curve Lens	Flat Lens	Wedge Lens	
2'							4.0 (1.8)
4'	3.11 (79)	3.00 (76)	4.04 (103)	3.06 (78)	2.44 (62)	2.89 (73)	6.0 (2.7)
8'							12.0 (5.4)

CERTIFICATIONS

- All luminaires are built to UL 1598 standards, and bear appropriate cCSAus labels
- Emergency battery pack options are California Energy Commission (CEC) Title 20 compliant
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- DLC® (DesignLights Consortium) Qualified, Please refer to the DLC website for specific product qualifications at www.designlights.org
- Adheres to LM79, LM80, and TM21 industry standards
- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram
- Product configurations not including battery packs or controls meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11) [See Buy America\(n\) Solutions](http://www.buyamerica.gov)

WARRANTY

- 5 year warranty

STOCK GUIDE

Catalog No.	UPC	Description	Weight (lbs)	Pallet Qty	DLC QPL
☐ MPS4-35ML-CW-EDU	078531138714	4', 80 CRI, 3500K, 4556 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 114 LPW, White	6.1	56	PKQ78077
☐ MPS4-35ML-FW-EDU	603134946413	4', 80 CRI, 3500K, 4230 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 134 LPW, White	6.1	56	P9P5CV62
☐ MPS4-40ML-CW-EDU	078531138721	4', 80 CRI, 4000K, 4614 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 115 LPW, White	6.1	56	P04CB252
☐ MPS4-40ML-FW-EDU	603134946420	4', 80 CRI, 3500K, 4277 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 135 LPW, White	6.1	56	PLLKQUUG
☐ MPS8-50ML-CW-EDU	078531138752	8', 80 CRI, 5000K, 9532 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 80W, 119 LPW, White	13.6	56	P5CRMP7L
☐ CSHC	078531000868	Chain Hanging Assembly - (2) 14" Chains and V-Hooks	0.2	N/A	N/A

Current

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Submitted by FRM Lighting and Controls		Catalog Number: MPS8-35HL-CN-ED1U-ELL14		Type: ST8E
		Job Name: NEWBERRY COUNTY GALLMAN PLACE COMMUNITY CENTER RENOVATION Architect: DP3 ARCHITECTS-GREENVILLE (GREENVILLE)		FRM-GREENVILLE26-164793
		Notes:		

Columbia
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MULTIPURPOSE LINEAR

ORDERING GUIDE

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Voltage	Options		Control Options ^{13, 23, 24, 25}	
U 120V–277V	ELL14 10W Emergency Battery Pack (CEC Title 20 Compliant) Installed ^{5, 7, 8, 9}		NX Lighting Controls	
347 347V (ED, ED1 only)	ELL14H2 9W Emergency Battery Pack (CEC Title 20 Compliant) Installed, 2-Hour Run Time ^{5, 7, 8, 9, 11}		Networked Wireless	
	ELL14ST Emergency Battery Back, 1400 Lumens, Self Test ^{5, 7, 8}		NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{26, 27}	
	DTS Dimming Bypass Module ^{5, 12}		NXWSM NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27}	
	MPSCE Injection Molded ABS Material Curve Endcap ¹³		Networked Wired	
	MPSCE-MB Injection Molded ABS Material Curve Endcap, Matte Black ¹⁴		NXE NX Wired Dual RJ45 SmartPORTS , without Sensor ^{26, 27}	
	MPSFE Injection Molded ABS Material Flat Endcap ¹³		NXESM NX Wired Dual RJ45 SmartPORTS & Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27}	
	MPSFE-MB Injection Molded ABS Material Flat Endcap, Matte Black ¹⁴		Independent Control	
	MPSWE Injection molded ABS Material Wedge Endcap ¹³		NXCS NX Connect NXC-WIZ20 Wireless Indoor Occupancy & Photocell Sensor ^{5, 28, 29, 30}	
	MPSWE-MB Injection molded ABS Material Wedge Endcap, Matte Black ¹⁴		BTSL Bluetooth Programmable, BTSMP-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ^{26, 27}	
	MB Matte Black		Other Lighting Controls	
	SLV Silver		Networked Wireless	
	PAF Painted After Fabrication		LVR Lutron Vive Integral Fixture Control DFCSJ-OEM-RF (RF only) ^{5, 28, 29, 31}	
	MST MASTER fixture that controls one or more SATELLITE fixtures in a continuous row application ^{15, 16, 17, 18, 19, 20, 21}		LVS Lutron Vive Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing) ^{5, 28, 29, 31}	
	SAT SATELLITE fixture controlled by MASTER fixture in a continuous row application ^{16, 17, 18, 19, 20, 21}		AWNRLutron Athena Integral Fixture Control A-WN-D01-RF-WH (RF only) ^{5, 28, 29}	
	INT Intermediate (provides ends with wiring access for continuous row mounting) ^{20, 21, 22}		AWNS Lutron Athena Integral Fixture Control A-WN-D01-OCC-WH with Daylight and Occupancy Sensing ^{5, 26, 29}	
	EOR End of Row (provides end wiring access for continuous row mounting) ^{20, 21, 22}		Independent Control	
	GLR Fast Blow Fuse ⁵		ODPG Occupancy and Daylight Sensors w/ Grouping, Phillips SNS200 ^{5, 28, 29}	
	BP Bulk Pack		ZLS05 Occupancy & Daylight Sensor, Leviton ZLS05 ^{5, 26, 29}	

- Notes:
- 1 Refer to Row Mount Ordering Instructions for Continuous Row applications
 - 2 Refer to SpectraSync and NX Availability table. Only available with ED driver and 80 CRI.
 - 3 Only available with Curve, Frosted Acrylic lens option
 - 4 Dimming curves may vary dependent upon lumen output and driver option chosen. Separate dimming circuits are recommended if multiple driver options are chosen
 - 5 Not available in 347V
 - 6 Not available with 2ft: VW, MW, LW lumen packages, 4ft: XW, VL lumen packages or 8ft: MW, VL lumen packages
 - 7 To determine lumen output in emergency mode, multiply the battery pack wattage by the fixture lumens per watt (LPW)
 - 8 Not available with 2ft fixture.
 - 9 Not available with thru wire and XL or UL lumen package on 4ft and 8ft fixtures
 - 10 Max ambient temperature, 25°C
 - 11 Not available for use in Canada
 - 12 For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram. Cannot be combined with SpectraSync or Controls options in 2ft fixture
 - 13 PAF option included when this option is chosen
 - 14 Only available with MB or SLV finish options

- Continuous Row Options**
- 15 Not available with INT option
 - 16 One MST fixture can control multiple SAT fixtures but a SAT fixture can only be controlled by one MST fixture
 - 17 Only available with NX Networked, NX Wired and NX Wireless Controls, consult factory for applications
 - 18 Not available with LUTH
 - 19 Not available with DTS
 - 20 All fixtures in a continuous row application must use the same driver type and voltage
 - 21 Quick connect wiring harness included
 - 22 Suspension support required at every fixture coupling, see Mounting Accessories Guide
- All Controls**
- 23 Control Options include injection molded ABS end cap
 - 24 Dry location rated only
 - 25 Minimum ambient temperature: 0°C (32°F)
- NX Lighting Controls**
- 26 Only available with ED, ED1 or EDD driver options
 - 27 Not available in 2ft when combined with SpectraSync
- Other Lighting Controls Options**
- 28 Only available with DALIP driver option
 - 29 Not available with SpectraSync
 - 30 Not available with 2ft: VW, MW and LW lumen packages or 4ft: XW lumen package
 - 31 Vive is a trademark of Lutron Electronics Co., Inc.

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**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

MPS8-35HL-CN-ED1U-ELL14

Notes:

Type:**ST8E**

FRM-GREENVILLE26-164793

Columbia
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MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

ORDERING GUIDE (CONTINUED)**Accessories**

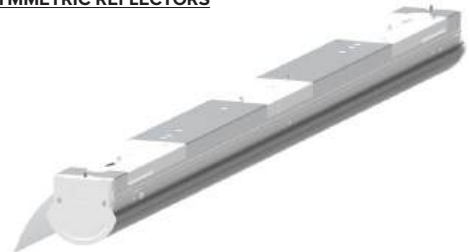
- | | |
|---|---|
| ☐ S18 | 18" Stem, Canopy |
| ☐ SS18 | 18" Swivel Stem—45° Swivel |
| ☐ CM24SCF3-KIT | 24" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM48SCF3-KIT | 48" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM24NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-24" |
| ☐ CM48NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-48" |
| ☐ CSHC | Chain Hanger Assembly |
| ☐ MPSZT | Zip Tee Hanger - 1½" Spacer on T-Bar Ceiling |
| ☐ MPSTH | Slide Tong Hanger |
| ☐ MPSCRK-C | Continuous Row Kit, Curve |
| ☐ MPSCRK-F | Continuous Row Kit, Flat |
| ☐ MPSCRK-W | Continuous Row, Wedge |
| ☐ MPSWG2 | 2' Wire Guard |
| ☐ MPSWG4 | 4' Wire Guard ¹ |
| ☐ MPSCE | Injection Molded ABS Material Curve Endcap |
| ☐ MPSCE-MB | Injection Molded ABS Material Curve Endcap, Matte Black |
| ☐ MPSFE | Injection Molded ABS Material Flat Endcap |
| ☐ MPSFE-MB | Injection Molded ABS Material Flat Endcap, Matte Black |
| ☐ MPSWE | Injection molded ABS Material Wedge Endcap |
| ☐ MPSWE-MB | Injection molded ABS Material Wedge Endcap, Matte Black |
| ☐ KIT REFL-MPS4 STL SLD W16 | 4' Symmetric Reflector Solid ¹ |
| ☐ REFL-MPS4 STL SLTD W16 | 4' Symmetric Reflector Slotted ¹ |
| ☐ REFL-MPS4 STL SLD ASYM W16 | 4' Asymmetric Reflector Solid ¹ |
| ☐ CBL-HB-120-6Y-PAD | 10ft Adjustable 10' aircraft cable Y hanger paddle ends
(1 pair, must be used in conjunction with MPSTH accessory) |

Notes:

1 Two Required for 8" fixture

SYMMETRIC REFLECTORS

KIT REFL-MPS4 STL SLD W16
4' Symmetric Reflector Solid

ASYMMETRIC REFLECTORS

REFL-MPS4 STL SLD ASYM W16
4' Asymmetric Reflector Solid

CONTINUOUS ROW MOUNT EXAMPLE GUIDE

Continuous Row Length	MPS4	MPS8	MPSCRK-*	CM**SCF*-KIT	CM**NF-KIT
12' — Option 1	1	1	1	1	1
12' — Option 2	3	0	2	1	1
16' — Option 1	0	2	1	1	1
16' — Option 2	2	1	2	1	2
32' — Option 1	0	4	3	2	1
32' — Option 2	2	3	4	2	1



MPS
MULTIPURPOSE LINEAR

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DELIVERED LUMENS (CONTINUED)

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS8-XW	3500K	CURVE	WIDE	5120	31.2	164
			NARROW	5069	31.2	162
		FLAT	WIDE	4966	31.2	159
			WEDGE	5105	31.2	164
	4000K	CURVE	WIDE	5207	31.2	167
			NARROW	5155	31.2	165
		FLAT	WIDE	5051	31.2	162
			WEDGE	5191	31.2	166
MPS8-VW	3500K	CURVE	WIDE	6542	39.7	165
			NARROW	6477	39.7	163
		FLAT	WIDE	6346	39.7	160
			WEDGE	6522	39.7	164
	4000K	CURVE	WIDE	7000	39.7	176
			NARROW	6653	39.7	168
		FLAT	WIDE	6586	39.7	166
			WEDGE	6453	39.7	163
MPS8-MW	3500K	CURVE	WIDE	7119	39.7	179
			NARROW	7318	44.7	164
		FLAT	WIDE	7245	44.7	162
			WEDGE	7098	44.7	159
	4000K	CURVE	WIDE	7296	44.7	163
			NARROW	7830	44.7	175
		FLAT	WIDE	7442	44.7	166
			WEDGE	7368	44.7	165
MPS8-LW	3500K	CURVE	WIDE	7219	44.7	161
			NARROW	7420	44.7	166
		FLAT	WIDE	7963	44.7	178
			WEDGE	8539	52.8	162
	4000K	CURVE	WIDE	8454	52.8	160
			NARROW	8283	52.8	157
		FLAT	WIDE	8513	52.8	161
			WEDGE	9137	52.8	173
MPS8-ML	3500K	CURVE	WIDE	8684	52.8	164
			NARROW	8597	52.8	163
		FLAT	WIDE	8423	52.8	160
			WEDGE	8658	52.8	164
	4000K	CURVE	WIDE	9292	52.8	176
			NARROW	9882	61.5	161
		FLAT	WIDE	9783	61.5	159
			WEDGE	9586	61.5	156
MPS8-VL	3500K	CURVE	WIDE	9852	61.5	160
			NARROW	10574	61.5	172
		FLAT	WIDE	10049	61.5	163
			WEDGE	9949	61.5	162
	4000K	CURVE	WIDE	9748	61.5	158
			NARROW	10019	61.5	163
		FLAT	WIDE	10752	61.5	175
			WEDGE	9748	61.5	158

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS8-HL	3500K	CURVE	WIDE	11835	75.0	158
			NARROW	11717	75.0	156
		FLAT	WIDE	11480	75.0	153
			WEDGE	11799	75.0	157
	4000K	CURVE	WIDE	12663	75.0	169
			NARROW	12036	75.0	160
		FLAT	WIDE	11916	75.0	159
			WEDGE	11675	75.0	156
MPS8-VL	3500K	CURVE	WIDE	12000	75.0	160
			NARROW	12879	75.0	172
		FLAT	WIDE	14257	93.1	153
			WEDGE	14114	93.1	152
	4000K	CURVE	WIDE	13829	93.1	149
			NARROW	14214	93.1	153
		FLAT	WIDE	15255	93.1	164
			WEDGE	14498	93.1	156
MPS8-XL	3500K	CURVE	WIDE	14353	93.1	154
			NARROW	14063	93.1	151
		FLAT	WIDE	14555	93.1	155
			WEDGE	15513	93.1	167
	4000K	CURVE	WIDE	17431	110.8	157
			NARROW	17257	110.8	156
		FLAT	WIDE	16908	110.8	153
			WEDGE	17379	110.8	157
MPS8-UL	3500K	CURVE	WIDE	18651	110.8	168
			NARROW	17726	110.8	160
		FLAT	WIDE	17549	110.8	158
			WEDGE	17194	110.8	155
	4000K	CURVE	WIDE	17673	110.8	160
			NARROW	18967	110.8	171
		FLAT	WIDE	20336	131.3	155
			WEDGE	20133	131.3	153

Columbia
LIGHTING

MPS

MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

AMBIENT TEMPERATURE RATINGS

TEMPERATURE TABLE (C°) — 2', 4' & 8'					
80 CRI, Ceiling/Surface Mount					
Size	Lumen Package		Without Battery		With ELL14
			ED/ED1/EDD	ED347	With ELL14ST
2'	VW	1600	35	35	--
	MW	2200	35	35	--
	LW	2400	35	35	--
	ML	3400	35	35	--
	HL	3700	35	35	--
	VL	4400	35	35	--
	XL	5400	35	35	--
	UL	6200	35	35	--
4'	XW	2600	50	50	35
	VW	3300	50	50	35
	MW	3600	50	50	35
	LW	4000	50	50	35
	ML	4500	50	50	35
	HL	5800	45	45	35
	VL	6800	45	45	35
	XL	7800	45	45	35
8'	UL	10000	45	45	35
	XW	5200	50	50	35
	VW	6600	50	50	35
	MW	7200	50	50	35
	LW	7900	50	50	35
	ML	8900	50	50	35
	HL	11500	45	45	35
	VL	13500	45	45	35
	XL	15500	45	45	35
	UL	20000	45	45	35

Minimum ambient temperature is -30°C without battery and 0°C with battery

PROJECTED LUMEN MAINTENANCE

Calculation Method	Ambient Temp	25,000 hrs	50,000 hrs	60,000 hrs *
TM-21-11	25C/77F	0.93	0.86	0.84
TM-21-22	25C/77F	0.93	0.86	0.84

* Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

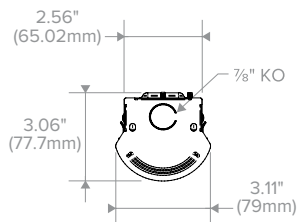
Columbia
LIGHTING

MPS
MULTIPURPOSE LINEAR

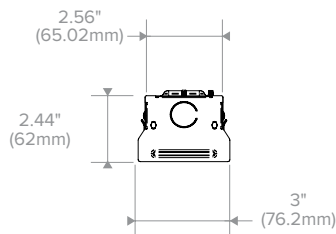
DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DIMENSIONS

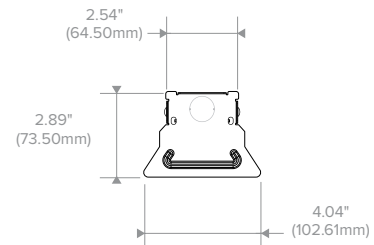
MPS END View - Curve Lens



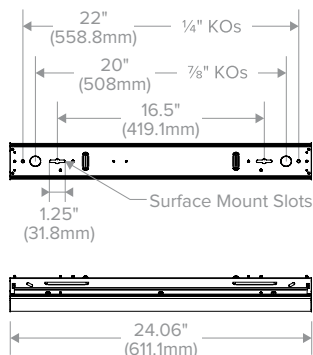
MPS END View - Flat Lens



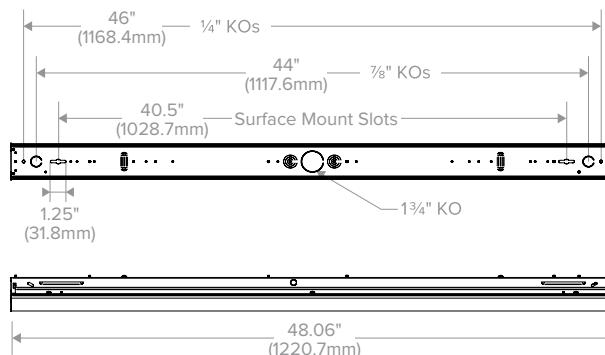
MPS END View - Wedge Lens



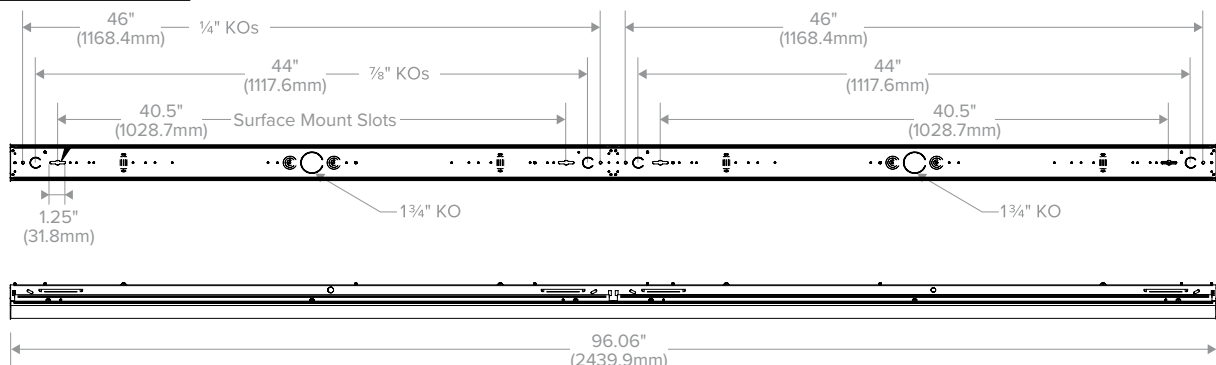
MPS 2' Dimensions



MPS 4' Dimensions



MPS 8' Dimensions



**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:
MPS4-35VL-CN-ED1U

Notes:

Type:

ST47

FRM-GREENVILLE26-164793

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LIGHTING

MPS

MULTIPURPOSE LINEAR

FEATURES

- Uniform end-to-end lens brightness with optional continuous row mounting that gives an uninterrupted ribbon of light
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Available in 2', 4' or 8' lengths
- Optional 90 or 120 min integral emergency battery pack (CEC Title 20 Compliant)
- Curved, Flat, and Wedge acrylic lens and curved polycarbonate lens options or a no lens (NL) versions. Wide and Narrow distributions available.
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount or suspended mounting

**CONTROLS TECHNOLOGY****SPECIFICATIONS****CONSTRUCTION**

- Housing, wireway, and ends are formed from code-gauge steel
- Housing components act as heat sink for LED heat dissipation
- White painted parts are treated with a five stage phosphate bonding process and finished with high reflectance baked enamel

OPTICS

- Available with or without frosted lens

INSTALLATION

- Knockouts are provided for electrical access and mounting
- WARNING – Removing the lens during installation exposes the LEDs and due to their fragility they could be damaged. Handle the LED reflector plate with care, do not rest the LED reflector plate upside down directly on its LEDs as this could result in damage. Damage to LEDs from mishandling during installation will not be covered under warranty.**

ELECTRICAL

- Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance
- Driver options include fixed output for on/off function, step dimming (high/low/off), or continuous 0–10V dimming
- Superior drivers and long-life LEDs provide quality illumination for prolonged service life
- Drivers < 10% THD at 120V, power factor > 0.95
- Lumen packages up to 10,000 lumens rated to 40°C (104°F) max ambient. Lumen packages up to 5,000 lumens rated to 50°C (122°F) max ambient. Minimum ambient temperature -20°C (-4°F)

CONTROLS

- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- NX Connect is a standalone wireless deployment for room based applications using wireless enabled and battery operated devices
- SpectraSync (TM) Color Tuning Technology offers a tunable white solution and integrates seamlessly into a variety of control systems

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

**SERVICE PROGRAMS****STOCK QS10**

End View Curve Lens	Typical Dimensions and Weights						
	(B) Width: Inches (mm)			(C) Height: Inches (mm)			Weight lbs (kg)
	Curve Lens	Flat Lens	Wedge Lens	Curve Lens	Flat Lens	Wedge Lens	
2'							4.0 (1.8)
4'	3.11 (79)	3.00 (76)	4.04 (103)	3.06 (78)	2.44 (62)	2.89 (73)	6.0 (2.7)
8'							12.0 (5.4)

CERTIFICATIONS

- All luminaires are built to UL 1598 standards, and bear appropriate cCSAus labels
- Emergency battery pack options are California Energy Commission (CEC) Title 20 compliant
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- DLC® (DesignLights Consortium) Qualified, Please refer to the DLC website for specific product qualifications at www.designlights.org
- Adheres to LM79, LM80, and TM21 industry standards
- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram
- Product configurations not including battery packs or controls meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11) [See Buy America\(n\) Solutions](http://www.buyamerica.gov)

WARRANTY

- 5 year warranty

STOCK GUIDE

Catalog No.	UPC	Description	Weight (lbs)	Pallet Qty	DLC QPL
☐ MPS4-35ML-CW-EDU	078531138714	4', 80 CRI, 3500K, 4556 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 114 LPW, White	6.1	56	PKQ78077
☐ MPS4-35ML-FW-EDU	603134946413	4', 80 CRI, 3500K, 4230 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 134 LPW, White	6.1	56	P9P5CV62
☐ MPS4-40ML-CW-EDU	078531138721	4', 80 CRI, 4000K, 4614 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 115 LPW, White	6.1	56	P04CB252
☐ MPS4-40ML-FW-EDU	603134946420	4', 80 CRI, 3500K, 4277 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 135 LPW, White	6.1	56	PLLKQUUG
☐ MPS8-50ML-CW-EDU	078531138752	8', 80 CRI, 5000K, 9532 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 80W, 119 LPW, White	13.6	56	P5CRMP7L
☐ CSHC	078531000868	Chain Hanging Assembly - (2) 14" Chains and V-Hooks	0.2	N/A	N/A

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ORDERING GUIDE

Example: MPS4-40ML-CW-EDU

MPS														
Model	Size ¹	CRI	Color Temp		Nominal Lumens	Lens		Distribution	Driver ⁴					
MPS MultiPurpose Linear	2' 2'	Blank >80	30	3000K	XW 4' (2600), 8' (5200)	C	Curve, Frosted Acrylic	N	Narrow Distribution ³	ED	0-10V Dimming			
	4' 4'	9 90	35	3500K	VW 2'(1600), 4'(3300), 8' (6600)	F	Flat, Frosted Acrylic	W	Wide Distribution	ED1	0-10V 1% Dimming			
	8' 8'		40	4000K	MW 2'(2200), 4'(3600), 8' (7200)	NL	No Lens			EDD	0-10V Dim-to-Off			
			50	5000K	LW 2'(2400), 4'(4000), 8' (7900)	CP	Curve, Frosted Polycarbonate			ESD	Step Dimming ^{5, 10}			
			2765T	2700K-6500K SpectraSync™ Tunable White ²	ML 2'(3400), 4'(4500), 8' (8900)	W	Wedge, Frosted Acrylic			LUTH	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology ^{5, 6}			
					HL 2'(3700), 4'(5800), 8' (11,500)					DALIP	Powered by DALI ⁵			
					VL 2' (4400), 4' (6800), 8' (13,500)									
					XL 2' (5400), 4' (7800), 8' (15,500)									
					UL 2'(6200), 4'(10,000), 8'(20,000)									

Voltage	Options	Control Options ^{13, 23, 24, 25}
U 120V-277V	ELL14 10W Emergency Battery Pack (CEC Title 20 Compliant) Installed ^{5, 7, 8, 9}	NX Lighting Controls <u>Networked Wireless</u> NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{26, 27} NXWSM NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27} <u>Networked Wired</u> NXE NX Wired Dual RJ45 SmartPORTS, without Sensor ^{26, 27} NXESM NX Wired Dual RJ45 SmartPORTS & Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27} <u>Independent Control</u> NXCS NX Connect NXC-WIZ20 Wireless Indoor Occupancy & Photocell Sensor ^{5, 28, 29, 30} BTSL Bluetooth Programmable, BTSMP-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ^{26, 27}
347 347V (ED, ED1 only)	ELL14H2 9W Emergency Battery Pack (CEC Title 20 Compliant) Installed, 2-Hour Run Time ^{5, 7, 8, 9, 11} ELL14ST Emergency Battery Back, 1400 Lumens, Self Test ^{5, 7, 8} DTS Dimming Bypass Module ^{5, 12} MPSCE Injection Molded ABS Material Curve Endcap ¹³ MPSCE-MB Injection Molded ABS Material Curve Endcap, Matte Black ¹⁴ MPSFE Injection Molded ABS Material Flat Endcap ¹³ MPSFE-MB Injection Molded ABS Material Flat Endcap, Matte Black ¹⁴ MPSWE Injection Molded ABS Material Wedge Endcap ¹³ MPSWE-MB Injection molded ABS Material Wedge Endcap, Matte Black ¹⁴ MB Matte Black SLV Silver PAF Painted After Fabrication MST MASTER fixture that controls one or more SATELLITE fixtures in a continuous row application ^{15, 16, 17, 18, 19, 20, 21} SAT SATELLITE fixture controlled by MASTER fixture in a continuous row application ^{16, 17, 18, 19, 20, 21} INT Intermediate (provides ends with wiring access for continuous row mounting) ^{20, 21, 22} EOR End of Row (provides end wiring access for continuous row mounting) ^{20, 21, 22} GLR Fast Blow Fuse ⁵ BP Bulk Pack	Other Lighting Controls <u>Networked Wireless</u> LVR Lutron Vive Integral Fixture Control DFCSJ-OEM-RF (RF only) ^{5, 28, 29, 31} LVS Lutron Vive Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing) ^{5, 28, 29, 31} AWNAR Lutron Athena Integral Fixture Control A-WN-DO1-RF-WH (RF only) ^{5, 28, 29} AWNS Lutron Athena Integral Fixture Control A-WN-DO1-OCC-WH with Daylight and Occupancy Sensing ^{5, 26, 29} <u>Independent Control</u> ODPG Occupancy and Daylight Sensors w/ Grouping, Phillips SNS200 ^{5, 28, 29} ZLS05 Occupancy & Daylight Sensor, Leviton ZLS05 ^{5, 26, 29}

Notes:

1 Refer to Row Mount Ordering Instructions for Continuous Row applications

2 Refer to SpectraSync and NX Availability table. Only available with ED driver and 80 CRI.

3 Only available with Curve, Frosted Acrylic lens option

4 Dimming curves may vary dependent upon lumen output and driver option chosen. Separate dimming circuits are recommended if multiple driver options are chosen

5 Not available in 347V

6 Not available with 2ft: VW, MW, LW lumen packages, 4ft: XW, VL lumen packages or 8ft: MW, VL lumen packages

7 To determine lumen output in emergency mode, multiply the battery pack wattage by the fixture lumens per watt (LPW)

8 Not available with 2ft fixture.

9 Not available with thru wire and XL or UL lumen package on 4ft and 8ft fixtures

10 Max ambient temperature, 25°C

11 Not available for use in Canada

12 For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram. Cannot be combined with SpectraSync or Controls options in 2ft fixture

13 PAF option included when this option is chosen

14 Only available with MB or SLV finish options

Continuous Row Options
15 Not available with INT option
16 One MST fixture can control multiple SAT fixtures but a SAT fixture can only be controlled by one MST fixture
17 Only available with NX Networked, NX Wired and NX Wireless Controls, consult factory for applications
18 Not available with LUTH
19 Not available with DTS
20 All fixtures in a continuous row application must use the same driver type and voltage
21 Quick connect wiring harness included
22 Suspension support required at every fixture coupling, see Mounting Accessories Guide
All Controls
23 Control Options include injection molded ABS end cap
24 Dry location rated only
25 Minimum ambient temperature: 0°C (32°F)
NX Lighting Controls
26 Only available with ED, ED1 or EDD driver options
27 Not available in 2ft when combined with SpectraSync
Other Lighting Controls Options
28 Only available with DALIP driver option
29 Not available with SpectraSync
30 Not available with 2ft: VW, MW and LW lumen packages or 4ft: XW lumen package
31 Vive is a trademark of Lutron Electronics Co., Inc.

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

MPS4-35VL-CN-ED1U

Notes:

Type:**ST47**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

MPS

MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

ORDERING GUIDE (CONTINUED)**Accessories**

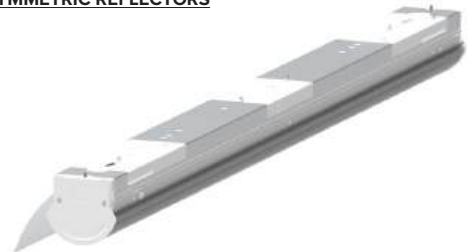
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|--|---|
| ☐ S18 | 18" Stem, Canopy |
| ☐ SS18 | 18" Swivel Stem—45° Swivel |
| ☐ CM24SCF3-KIT | 24" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM48SCF3-KIT | 48" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM24NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-24" |
| ☐ CM48NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-48" |
| ☐ CSHC | Chain Hanger Assembly |
| ☐ MPSZT | Zip Tee Hanger - 1½" Spacer on T-Bar Ceiling |
| ☐ MPSTH | Slide Tong Hanger |
| ☐ MPSCRK-C | Continuous Row Kit, Curve |
| ☐ MPSCRK-F | Continuous Row Kit, Flat |
| ☐ MPSCRK-W | Continuous Row, Wedge |
| ☐ MPSWG2 | 2' Wire Guard |
| ☐ MPSWG4 | 4' Wire Guard ¹ |
| ☐ MPSCE | Injection Molded ABS Material Curve Endcap |
| ☐ MPSCE-MB | Injection Molded ABS Material Curve Endcap, Matte Black |
| ☐ MPSFE | Injection Molded ABS Material Flat Endcap |
| ☐ MPSFE-MB | Injection Molded ABS Material Flat Endcap, Matte Black |
| ☐ MPSWE | Injection molded ABS Material Wedge Endcap |
| ☐ MPSWE-MB | Injection molded ABS Material Wedge Endcap, Matte Black |
| ☐ KIT REFL-MPS4 STL SLD W16 | 4' Symmetric Reflector Solid ¹ |
| ☐ REFL-MPS4 STL SLTD W16 | 4' Symmetric Reflector Slotted ¹ |
| ☐ REFL-MPS4 STL SLD ASYM W16 | 4' Asymmetric Reflector Solid ¹ |
| ☐ CBL-HB-120-6Y-PAD | 10ft Adjustable 10' aircraft cable Y hanger paddle ends
(1 pair, must be used in conjunction with MPSTH accessory) |

Notes:

1 Two Required for 8" fixture

SYMMETRIC REFLECTORS

KIT REFL-MPS4 STL SLD W16
4' Symmetric Reflector Solid

ASYMMETRIC REFLECTORS

REFL-MPS4 STL SLD ASYM W16
4' Asymmetric Reflector Solid

CONTINUOUS ROW MOUNT EXAMPLE GUIDE

Continuous Row Length	MPS4	MPS8	MPSCRK-*	CM**SCF*-KIT	CM**NF-KIT
12' — Option 1	1	1	1	1	1
12' — Option 2	3	0	2	1	1
16' — Option 1	0	2	1	1	1
16' — Option 2	2	1	2	1	2
32' — Option 1	0	4	3	2	1
32' — Option 2	2	3	4	2	1



MPS
MULTIPURPOSE LINEAR

DATE:LOCATION:

TYPE:PROJECT:

CATALOG #:

DELIVERED LUMENS (CONTINUED)

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS4-XW	3500K	CURVE	WIDE	2560	16.2	158
			NARROW	2534	16.2	156
		FLAT	WIDE	2483	16.2	153
		WEDGE	WIDE	2552	16.2	158
	4000K	NO LENS		2739	16.2	169
		CURVE	WIDE	2603	16.2	161
			NARROW	2577	16.2	159
		FLAT	WIDE	2525	16.2	156
MPS4-VW	3500K	CURVE	WIDE	3271	20.5	160
			NARROW	3238	20.5	158
		FLAT	WIDE	3173	20.5	155
		WEDGE	WIDE	3261	20.5	159
	4000K	NO LENS		3500	20.5	171
		CURVE	WIDE	3326	20.5	162
			NARROW	3293	20.5	161
		FLAT	WIDE	3226	20.5	157
MPS4-MW	3500K	CURVE	WIDE	3316	20.5	162
			NARROW	3559	20.5	174
		FLAT	WIDE	3659	23.0	159
		WEDGE	WIDE	3648	23.0	159
	4000K	NO LENS		3915	23.0	170
		CURVE	WIDE	3721	23.0	162
			NARROW	3684	23.0	160
		FLAT	WIDE	3609	23.0	157
MPS4-LW	3500K	CURVE	WIDE	3710	23.0	161
			NARROW	3981	23.0	173
		FLAT	WIDE	4270	26.9	159
		WEDGE	WIDE	4227	26.9	157
	4000K	NO LENS		4142	26.9	154
		CURVE	WIDE	4257	26.9	158
			NARROW	4569	26.9	170
		FLAT	WIDE	4342	26.9	161
MPS4-ML	3500K	CURVE	WIDE	4299	26.9	160
			NARROW	4212	26.9	157
		FLAT	WIDE	4329	26.9	161
		WEDGE	WIDE	4646	26.9	173
	4000K	NO LENS		4941	31.2	158
		CURVE	WIDE	4892	31.2	157
			NARROW	4793	31.2	154
		FLAT	WIDE	4926	31.2	158

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS4-HL	3500K	CURVE	WIDE	5918	37.6	157
			NARROW	5859	37.6	156
		FLAT	WIDE	5740	37.6	153
		WEDGE	WIDE	5900	37.6	157
	4000K	NO LENS		6332	37.6	168
		CURVE	WIDE	6018	37.6	160
			NARROW	5958	37.6	158
		FLAT	WIDE	5837	37.6	155
MPS4-VL	3500K	CURVE	WIDE	6000	37.6	160
			NARROW	6439	37.6	171
		FLAT	WIDE	7128	46.5	153
		WEDGE	WIDE	7057	46.5	152
	4000K	NO LENS		6914	46.5	149
		CURVE	WIDE	7107	46.5	153
			NARROW	7627	46.5	164
		FLAT	WIDE	7249	46.5	156
MPS4-XL	3500K	CURVE	WIDE	7177	46.5	154
			NARROW	7032	46.5	151
		FLAT	WIDE	7227	46.5	155
		WEDGE	WIDE	7756	46.5	167
	4000K	NO LENS		8715	55.1	158
		CURVE	WIDE	8628	55.1	157
			NARROW	8454	55.1	153
		FLAT	WIDE	8689	55.1	158
MPS4-UL	3500K	CURVE	WIDE	9325	55.1	169
			NARROW	8863	55.1	161
		FLAT	WIDE	8774	55.1	159
		WEDGE	WIDE	8597	55.1	156
	4000K	NO LENS		8836	55.1	160
		CURVE	WIDE	9483	55.1	172
			NARROW	10168	65.6	155
		FLAT	WIDE	10066	65.6	153

Columbia
LIGHTING

MPS
MULTIPURPOSE LINEAR

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

AMBIENT TEMPERATURE RATINGS

TEMPERATURE TABLE (C°) — 2', 4' & 8'					
80 CRI, Ceiling/Surface Mount					
Size	Lumen Package		Without Battery		With ELL14
			ED/ED1/EDD	ED347	With ELL14ST
2'	VW	1600	35	35	--
	MW	2200	35	35	--
	LW	2400	35	35	--
	ML	3400	35	35	--
	HL	3700	35	35	--
	VL	4400	35	35	--
	XL	5400	35	35	--
	UL	6200	35	35	--
4'	XW	2600	50	50	35
	VW	3300	50	50	35
	MW	3600	50	50	35
	LW	4000	50	50	35
	ML	4500	50	50	35
	HL	5800	45	45	35
	VL	6800	45	45	35
	XL	7800	45	45	35
8'	UL	10000	45	45	35
	XW	5200	50	50	35
	VW	6600	50	50	35
	MW	7200	50	50	35
	LW	7900	50	50	35
	ML	8900	50	50	35
	HL	11500	45	45	35
	VL	13500	45	45	35
	XL	15500	45	45	35
	UL	20000	45	45	35

Minimum ambient temperature is -30°C without battery and 0°C with battery

PROJECTED LUMEN MAINTENANCE

Calculation Method	Ambient Temp	25,000 hrs	50,000 hrs	60,000 hrs *
TM-21-11	25C/77F	0.93	0.86	0.84
TM-21-22	25C/77F	0.93	0.86	0.84

* Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

MPS4-35VL-CN-ED1U

Notes:**Type:****ST47**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

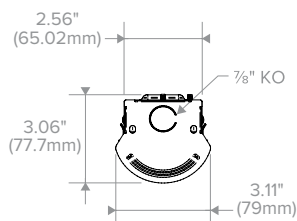
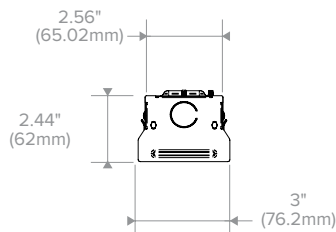
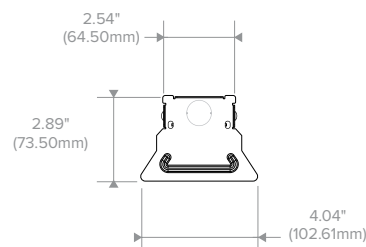
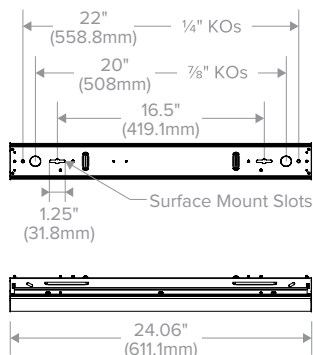
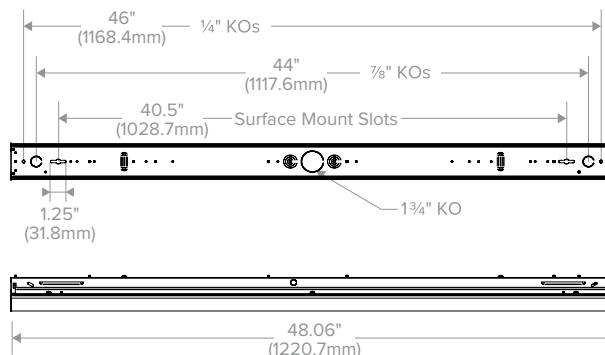
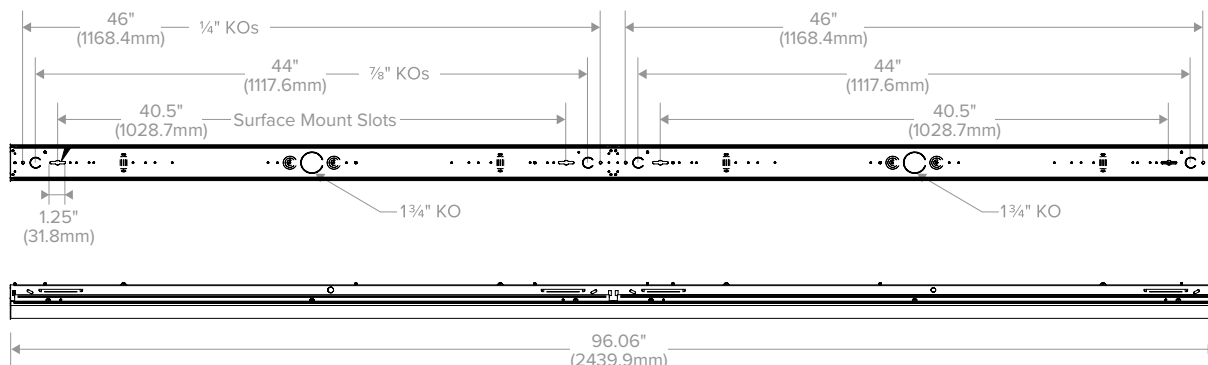
MPS

MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

DIMENSIONS**MPS END View - Curve Lens****MPS END View - Flat Lens****MPS END View - Wedge Lens****MPS 2' Dimensions****MPS 4' Dimensions****MPS 8' Dimensions**

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

MPS4-35VL-CN-ED1U-ELL14

Notes:**Type:****ST47E**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

MPS

MULTIPURPOSE LINEAR

FEATURES

- Uniform end-to-end lens brightness with optional continuous row mounting that gives an uninterrupted ribbon of light
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Available in 2', 4' or 8' lengths
- Optional 90 or 120 min integral emergency battery pack (CEC Title 20 Compliant)
- Curved, Flat, and Wedge acrylic lens and curved polycarbonate lens options or a no lens (NL) versions. Wide and Narrow distributions available.
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount or suspended mounting

**CONTROLS TECHNOLOGY****SPECIFICATIONS****CONSTRUCTION**

- Housing, wireway, and ends are formed from code-gauge steel
- Housing components act as heat sink for LED heat dissipation
- White painted parts are treated with a five stage phosphate bonding process and finished with high reflectance baked enamel

OPTICS

- Available with or without frosted lens

INSTALLATION

- Knockouts are provided for electrical access and mounting
- WARNING – Removing the lens during installation exposes the LEDs and due to their fragility they could be damaged. Handle the LED reflector plate with care, do not rest the LED reflector plate upside down directly on its LEDs as this could result in damage. Damage to LEDs from mishandling during installation will not be covered under warranty.**

ELECTRICAL

- Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance
- Driver options include fixed output for on/off function, step dimming (high/low/off), or continuous 0–10V dimming
- Superior drivers and long-life LEDs provide quality illumination for prolonged service life
- Drivers < 10% THD at 120V, power factor > 0.95
- Lumen packages up to 10,000 lumens rated to 40°C (104°F) max ambient. Lumen packages up to 5,000 lumens rated to 50°C (122°F) max ambient. Minimum ambient temperature -20°C (-4°F)

CONTROLS

- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- NX Connect is a standalone wireless deployment for room based applications using wireless enabled and battery operated devices
- SpectraSync (TM) Color Tuning Technology offers a tunable white solution and integrates seamlessly into a variety of control systems

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____



(Shown with optional end caps MPSCE)



NXWSM, NXESM



NXCS

SERVICE PROGRAMS**STOCK QS10**

End View Curve Lens	Typical Dimensions and Weights						
	(B) Width: Inches (mm)			(C) Height: Inches (mm)			Weight lbs (kg)
	Curve Lens	Flat Lens	Wedge Lens	Curve Lens	Flat Lens	Wedge Lens	
2'							4.0 (1.8)
4'	3.11 (79)	3.00 (76)	4.04 (103)	3.06 (78)	2.44 (62)	2.89 (73)	6.0 (2.7)
8'							12.0 (5.4)

CERTIFICATIONS

- All luminaires are built to UL 1598 standards, and bear appropriate cCSAus labels
- Emergency battery pack options are California Energy Commission (CEC) Title 20 compliant
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- DLC® (DesignLights Consortium) Qualified, Please refer to the DLC website for specific product qualifications at www.designlights.org
- Adheres to LM79, LM80, and TM21 industry standards
- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram
- Product configurations not including battery packs or controls meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11) [See Buy America\(n\) Solutions](http://www.buyamerica.gov)

WARRANTY

- 5 year warranty

STOCK GUIDE

Catalog No.	UPC	Description	Weight (lbs)	Pallet Qty	DLC QPL
☐ MPS4-35ML-CW-EDU	078531138714	4', 80 CRI, 3500K, 4556 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 114 LPW, White	6.1	56	PKQ78077
☐ MPS4-35ML-FW-EDU	603134946413	4', 80 CRI, 3500K, 4230 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 134 LPW, White	6.1	56	P9P5CV62
☐ MPS4-40ML-CW-EDU	078531138721	4', 80 CRI, 4000K, 4614 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 40W, 115 LPW, White	6.1	56	P04CB252
☐ MPS4-40ML-FW-EDU	603134946420	4', 80 CRI, 3500K, 4277 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 31W, 135 LPW, White	6.1	56	PLLKQUUG
☐ MPS8-50ML-CW-EDU	078531138752	8', 80 CRI, 5000K, 9532 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0–10V Dimming Driver, 120–277V, 80W, 119 LPW, White	13.6	56	P5CRMP7L
☐ CSHC	078531000868	Chain Hanging Assembly - (2) 14" Chains and V-Hooks	0.2	N/A	N/A

Current

currentlighting.com/columbialighting

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Columbia
LIGHTING

MPS
MULTIPURPOSE LINEAR

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE

Gray Shading = Service Program
Limit of 150 Luminaires **QS10**

Example: MPS4-40ML-CW-EDU

MPS												
Model	Size ¹	CRI	Color Temp		Nominal Lumens		Lens		Distribution		Driver ⁴	
MPS MultiPurpose Linear	2' 2"	Blank >80	30	3000K	XW	4' (2600), 8' (5200)	C	Curve, Frosted Acrylic	N	Narrow Distribution ³	ED	0–10V Dimming
	4' 4"	9 90	35	3500K	VW	2'(1600), 4'(3300), 8' (6600)	F	Flat, Frosted Acrylic	W	Wide Distribution	ED1	0–10V 1% Dimming
	8' 8"		40	4000K	MW	2'(2200), 4'(3600), 8' (7200)	NL	No Lens			EDD	0–10V Dim-to-Off
			50	5000K	LW	2'(2400), 4'(4000), 8' (7900)	CP	Curve, Frosted Polycarbonate			ESD	Step Dimming ^{5, 10}
			2765T	2700K–6500K SpectraSync™ Tunable White ²	ML	2'(3400), 4'(4500), 8' (8900)	W	Wedge, Frosted Acrylic			LUTH	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology ^{5, 6}
					HL	2'(3700), 4'(5800), 8' (11,500)					DALIP	Powered by DALI ⁵
					VL	2' (4400), 4' (6800), 8' (13,500)						
					XL	2' (5400), 4' (7800), 8' (15,500)						
					UL	2'(6200), 4'(10,000), 8'(20,000)						

Voltage	Options	Control Options ^{13, 23, 24, 25}
U 120V-277V	ELL14 10W Emergency Battery Pack (CEC Title 20 Compliant) Installed ^{5, 7, 8, 9}	NX Lighting Controls <u>Networked Wireless</u> NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{26, 27} NXWSM NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27} <u>Networked Wired</u> NXE NX Wired Dual RJ45 SmartPORTS, without Sensor ^{26, 27} NXESM NX Wired Dual RJ45 SmartPORTS & Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27} <u>Independent Control</u> NXCS NX Connect NXC-WIZ20 Wireless Indoor Occupancy & Photocell Sensor ^{5, 28, 29, 30} BTSL Bluetooth Programmable, BTSMP-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ^{26, 27}
347 347V (ED, ED1 only)	ELL14H2 9W Emergency Battery Pack (CEC Title 20 Compliant) Installed, 2-Hour Run Time ^{5, 7, 8, 9, 11} ELL14ST Emergency Battery Back, 1400 Lumens, Self Test ^{5, 7, 8} DTS Dimming Bypass Module ^{5, 12} MPSCE Injection Molded ABS Material Curve Endcap ¹³ MPSCE-MB Injection Molded ABS Material Curve Endcap, Matte Black ¹⁴ MPSFE Injection Molded ABS Material Flat Endcap ¹³ MPSFE-MB Injection Molded ABS Material Flat Endcap, Matte Black ¹⁴ MPSWE Injection Molded ABS Material Wedge Endcap ¹³ MPSWE-MB Injection molded ABS Material Wedge Endcap, Matte Black ¹⁴ MB Matte Black SLV Silver PAF Painted After Fabrication MST MASTER fixture that controls one or more SATELLITE fixtures in a continuous row application ^{15, 16, 17, 18, 19, 20, 21} SAT SATELLITE fixture controlled by MASTER fixture in a continuous row application ^{16, 17, 18, 19, 20, 21} INT Intermediate (provides ends with wiring access for continuous row mounting) ^{20, 21, 22} EOR End of Row (provides end wiring access for continuous row mounting) ^{20, 21, 22} GLR Fast Blow Fuse ⁵ BP Bulk Pack	Other Lighting Controls <u>Networked Wireless</u> LVR Lutron Vive Integral Fixture Control DFCSJ-OEM-RF (RF only) ^{5, 28, 29, 31} LVS Lutron Vive Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing) ^{5, 28, 29, 31} AWNAR Lutron Athena Integral Fixture Control A-WN-DO1-RF-WH (RF only) ^{5, 28, 29} AWNS Lutron Athena Integral Fixture Control A-WN-DO1-OCC-WH with Daylight and Occupancy Sensing ^{5, 26, 29} <u>Independent Control</u> ODPG Occupancy and Daylight Sensors w/ Grouping, Phillips SNS200 ^{5, 28, 29} ZLS05 Occupancy & Daylight Sensor, Leviton ZLS05 ^{5, 26, 29}

- Notes:
- Refer to Row Mount Ordering Instructions for Continuous Row applications
 - Refer to SpectraSync and NX Availability table. Only available with ED driver and 80 CRI.
 - Only available with Curve, Frosted Acrylic lens option
 - Dimming curves may vary dependent upon lumen output and driver option chosen. Separate dimming circuits are recommended if multiple driver options are chosen
 - Not available in 347V
 - Not available with 2ft: VW, MW, LW lumen packages, 4ft: XW, VL lumen packages or 8ft: MW, VL lumen packages
 - To determine lumen output in emergency mode, multiply the battery pack wattage by the fixture lumens per watt (LPW)
 - Not available with 2ft fixture.
 - Not available with thru wire and XL or UL lumen package on 4ft and 8ft fixtures
 - Max ambient temperature, 25°C
 - Not available for use in Canada
 - For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram. Cannot be combined with SpectraSync or Controls options in 2ft fixture
 - PAF option included when this option is chosen
 - Only available with MB or SLV finish options

- Continuous Row Options**
- Not available with INT option
 - One MST fixture can control multiple SAT fixtures but a SAT fixture can only be controlled by one MST fixture
 - Only available with NX Networked, NX Wired and NX Wireless Controls, consult factory for applications
 - Not available with LUTH
 - Not available with DTS
 - All fixtures in a continuous row application must use the same driver type and voltage
 - Quick connect wiring harness included
 - Suspension support required at every fixture coupling, see Mounting Accessories Guide

- All Controls**
- Control Options include injection molded ABS end cap
 - Dry location rated only
 - Minimum ambient temperature: 0°C (32°F)

- NX Lighting Controls**
- Only available with ED, ED1 or EDD driver options
 - Not available in 2ft when combined with SpectraSync

Other Lighting Controls Options

- Only available with DALIP driver option
- Not available with SpectraSync
- Not available with 2ft: VW, MW and LW lumen packages or 4ft: XW lumen package
- Vive is a trademark of Lutron Electronics Co., Inc.

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

MPS4-35VL-CN-ED1U-ELL14

Notes:

Type:**ST47E**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

MPS

MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

ORDERING GUIDE (CONTINUED)**Accessories**

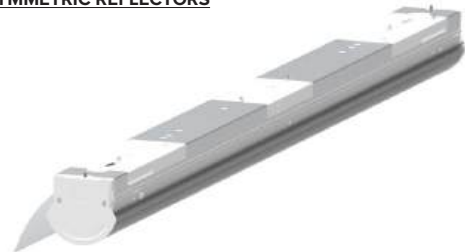
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|---|---|
| ☐ S18 | 18" Stem, Canopy |
| ☐ SS18 | 18" Swivel Stem—45° Swivel |
| ☐ CM24SCF3-KIT | 24" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM48SCF3-KIT | 48" Adjustable Cable Mounting Kit, 3-wire feed |
| ☐ CM24NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-24" |
| ☐ CM48NF-KIT | Single Point Non-Feed Cable Mount with Canopy, Single-48" |
| ☐ CSHC | Chain Hanger Assembly |
| ☐ MPSZT | Zip Tee Hanger - 1½" Spacer on T-Bar Ceiling |
| ☐ MPSTH | Slide Tong Hanger |
| ☐ MPSCRK-C | Continuous Row Kit, Curve |
| ☐ MPSCRK-F | Continuous Row Kit, Flat |
| ☐ MPSCRK-W | Continuous Row, Wedge |
| ☐ MPSWG2 | 2' Wire Guard |
| ☐ MPSWG4 | 4' Wire Guard ¹ |
| ☐ MPSCE | Injection Molded ABS Material Curve Endcap |
| ☐ MPSCE-MB | Injection Molded ABS Material Curve Endcap, Matte Black |
| ☐ MPSFE | Injection Molded ABS Material Flat Endcap |
| ☐ MPSFE-MB | Injection Molded ABS Material Flat Endcap, Matte Black |
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| ☐ REFL-MPS4 STL SLD ASYM W16 | 4' Asymmetric Reflector Solid ¹ |
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(1 pair, must be used in conjunction with MPSTH accessory) |

Notes:

1 Two Required for 8" fixture

SYMMETRIC REFLECTORS

KIT REFL-MPS4 STL SLD W16
4' Symmetric Reflector Solid

ASYMMETRIC REFLECTORS

REFL-MPS4 STL SLD ASYM W16
4' Asymmetric Reflector Solid

CONTINUOUS ROW MOUNT EXAMPLE GUIDE

Continuous Row Length	MPS4	MPS8	MPSCRK-*	CM**SCF*-KIT	CM**NF-KIT
12' — Option 1	1	1	1	1	1
12' — Option 2	3	0	2	1	1
16' — Option 1	0	2	1	1	1
16' — Option 2	2	1	2	1	2
32' — Option 1	0	4	3	2	1
32' — Option 2	2	3	4	2	1



MPS
MULTIPURPOSE LINEAR

DATE:LOCATION:

TYPE:PROJECT:

CATALOG #:

DELIVERED LUMENS (CONTINUED)

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS4-XW	3500K	CURVE	WIDE	2560	16.2	158
			NARROW	2534	16.2	156
		FLAT	WIDE	2483	16.2	153
		WEDGE	WIDE	2552	16.2	158
	4000K	NO LENS		2739	16.2	169
		CURVE	WIDE	2603	16.2	161
			NARROW	2577	16.2	159
		FLAT	WIDE	2525	16.2	156
MPS4-VW	3500K	CURVE	WIDE	3271	20.5	160
			NARROW	3238	20.5	158
		FLAT	WIDE	3173	20.5	155
		WEDGE	WIDE	3261	20.5	159
	4000K	NO LENS		3500	20.5	171
		CURVE	WIDE	3326	20.5	162
			NARROW	3293	20.5	161
		FLAT	WIDE	3226	20.5	157
MPS4-MW	3500K	CURVE	WIDE	3659	23.0	159
			NARROW	3622	23.0	157
		FLAT	WIDE	3549	23.0	154
		WEDGE	WIDE	3648	23.0	159
	4000K	NO LENS		3915	23.0	170
		CURVE	WIDE	3721	23.0	162
			NARROW	3684	23.0	160
		FLAT	WIDE	3609	23.0	157
MPS4-LW	3500K	CURVE	WIDE	4342	26.9	161
			NARROW	4299	26.9	160
		FLAT	WIDE	4212	26.9	157
		WEDGE	WIDE	4329	26.9	161
	4000K	NO LENS		4646	26.9	173
		CURVE	WIDE	4941	31.2	158
			NARROW	4892	31.2	157
		FLAT	WIDE	4793	31.2	154
MPS4-ML	3500K	CURVE	WIDE	4926	31.2	158
			WEDGE	4926	31.2	158
		NO LENS		5287	31.2	169
	4000K	CURVE	WIDE	5025	31.2	161
			NARROW	4975	31.2	159
		FLAT	WIDE	4874	31.2	156
		WEDGE	WIDE	5010	31.2	161
		NO LENS		5377	31.2	172

STANDARD EFFICACY PERFORMANCE TABLE — 4'						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	WATTS	LPW
MPS4-HL	3500K	CURVE	WIDE	5918	37.6	157
			NARROW	5859	37.6	156
		FLAT	WIDE	5740	37.6	153
		WEDGE	WIDE	5900	37.6	157
	4000K	NO LENS		6332	37.6	168
		CURVE	WIDE	6018	37.6	160
			NARROW	5958	37.6	158
		FLAT	WIDE	5837	37.6	155
MPS4-VL	3500K	CURVE	WIDE	7128	46.5	153
			NARROW	7057	46.5	152
		FLAT	WIDE	6914	46.5	149
		WEDGE	WIDE	7107	46.5	153
	4000K	NO LENS		7627	46.5	164
		CURVE	WIDE	7249	46.5	156
			NARROW	7177	46.5	154
		FLAT	WIDE	7032	46.5	151
MPS4-XL	3500K	CURVE	WIDE	7227	46.5	155
			WEDGE	7227	46.5	155
		NO LENS		7756	46.5	167
	4000K	CURVE	WIDE	8715	55.1	158
			NARROW	8628	55.1	157
		FLAT	WIDE	8454	55.1	153
		WEDGE	WIDE	8689	55.1	158
		NO LENS		9325	55.1	169
MPS4-UL	3500K	CURVE	WIDE	8863	55.1	161
			NARROW	8774	55.1	159
		FLAT	WIDE	8597	55.1	156
		WEDGE	WIDE	8836	55.1	160
	4000K	NO LENS		9483	55.1	172
		CURVE	WIDE	10168	65.6	155
			NARROW	10066	65.6	153
		FLAT	WIDE	9863	65.6	150
MPS4-LL	3500K	CURVE	WIDE	10137	65.6	155
			WEDGE	10137	65.6	155
		NO LENS		10880	65.6	166
	4000K	CURVE	WIDE	10340	65.6	158
			NARROW	10237	65.6	156
		FLAT	WIDE	10030	65.6	153
		WEDGE	WIDE	10309	65.6	157
		NO LENS		11064	65.6	169

Columbia
LIGHTING

MPS

MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

AMBIENT TEMPERATURE RATINGS

TEMPERATURE TABLE (C°) — 2', 4' & 8'					
80 CRI, Ceiling/Surface Mount					
Size	Lumen Package		Without Battery		With ELL14
			ED/ED1/EDD	ED347	With ELL14ST
2'	VW	1600	35	35	--
	MW	2200	35	35	--
	LW	2400	35	35	--
	ML	3400	35	35	--
	HL	3700	35	35	--
	VL	4400	35	35	--
	XL	5400	35	35	--
	UL	6200	35	35	--
4'	XW	2600	50	50	35
	VW	3300	50	50	35
	MW	3600	50	50	35
	LW	4000	50	50	35
	ML	4500	50	50	35
	HL	5800	45	45	35
	VL	6800	45	45	35
	XL	7800	45	45	35
8'	UL	10000	45	45	35
	XW	5200	50	50	35
	VW	6600	50	50	35
	MW	7200	50	50	35
	LW	7900	50	50	35
	ML	8900	50	50	35
	HL	11500	45	45	35
	VL	13500	45	45	35
	XL	15500	45	45	35
	UL	20000	45	45	35

Minimum ambient temperature is -30°C without battery and 0°C with battery

PROJECTED LUMEN MAINTENANCE

Calculation Method	Ambient Temp	25,000 hrs	50,000 hrs	60,000 hrs *
TM-21-11	25C/77F	0.93	0.86	0.84
TM-21-22	25C/77F	0.93	0.86	0.84

* Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

MPS4-35VL-CN-ED1U-ELL14

Notes:**Type:****ST47E**

FRM-GREENVILLE26-164793

Columbia
LIGHTING

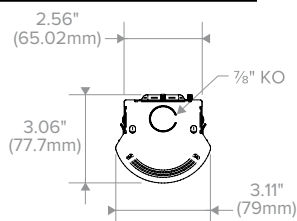
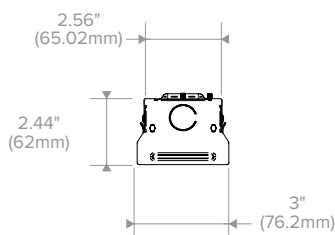
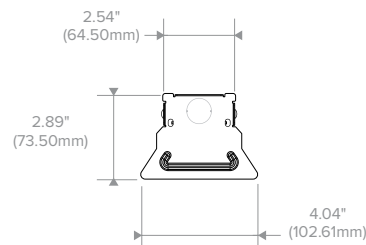
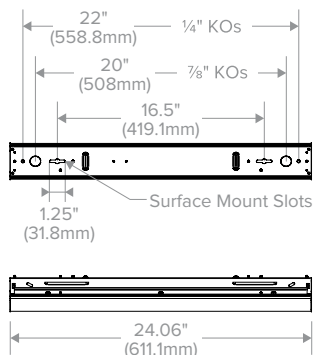
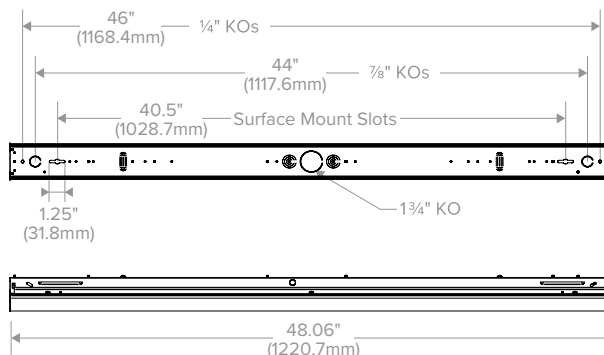
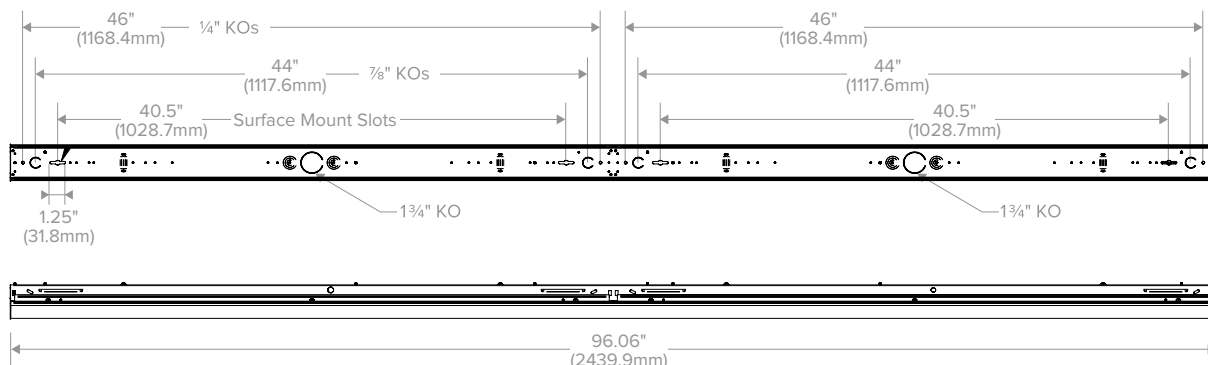
MPS

MULTIPURPOSE LINEAR

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

DIMENSIONS**MPS END View - Curve Lens****MPS END View - Flat Lens****MPS END View - Wedge Lens****MPS 2' Dimensions****MPS 4' Dimensions****MPS 8' Dimensions**

VNT G1 - LED Contemporary Vanity Light



(Images are shown for illustration purposes only)

SPECIFICATIONS

Housing

Steel housing with a shatter-resistant polycarbonate diffuser.

Finish

Black and Brushed Nickel finishes.

Operating Temperature

-13° F to 104° F
(-25° C to 40° C)

Mounting

Surface & Wall mount.

Lumen Output

Field Selectable:
800 - 1,700 Lm (24")
1,600 - 2,600 Lm (36")
2,000 - 3,200 Lm (48")

Lifespan

L70 > 50,000 hours @ 25°C.



KEY FEATURES

- 3 Power and 5 CCT selectable vanity light.
- 24", 36", and 48" lengths.
- 5 year warranty.
- Flicker free.
- Universal dimming driver (0-10V, TRIAC, ELV).

Project:

Product #:

Type:

ORDERING GUIDE

Example: VNT 24 S LS17 G1 9FSK BK

Fixture Type	Length	Shape	Selectable Lumen Output	Generation	Voltage	Dimming	CCT	Finish
• VNT LED Contemporary Vanity Light	• 24 24"	• S Square	• LS17 800 Lm / 9 W 1,200 Lm / 15 W 1,700 Lm / 19 W	• G1 First Generation	• BLANK 120-277V	• BLANK 0-10V/TRIAC/ELV	• 9FSK 2700K 3000K 3500K 4000K 5000K - 90 CRI	• BK Black • BN Brushed Nickel
	• 36 36"		• LS26 1,600 Lm / 18 W 2,000 Lm / 23 W 2,600 Lm / 30 W					
	• 48 48"		• LS32 2,000 Lm / 22 W 2,500 Lm / 29 W 3,200 Lm / 36 W					

For stocking opportunities please reach out to your local SLG Lighting rep or contact sales@slgus.com.

Leadtimes may vary based on current inventory levels - always consult your local SLG Lighting rep for leadtimes and project needs.

PERFORMANCE INFORMATION

Series Number	Power Setting	Wattage	Lumens	CCT
VNT 24 S LS17 G1 9FSK	Max	19 W	1,700 Lm	2700K 3000K 3500K 4000K 5000K
	Medium	15 W	1,200 Lm	
	Low	9 W	800 Lm	
VNT 36 S LS26 G1 9FSK	Max	30 W	2,600 Lm	
	Medium	23 W	2,000 Lm	
	Low	18 W	1,600 Lm	
VNT 48 S LS32 G1 9FSK	Max	36 W	3,200 Lm	
	Medium	29 W	2,500 Lm	
	Low	22 W	2,000 Lm	

Performance data based on vigorous, industry standard testing and has been verified by lab results.

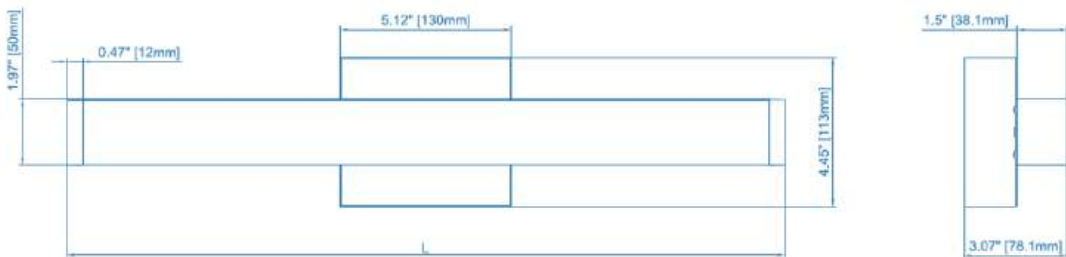
Due to continuous product improvements, specification and/or equipment updates may change without notice.

VNT G1 - LED Contemporary Vanity Light



DIMENSIONS

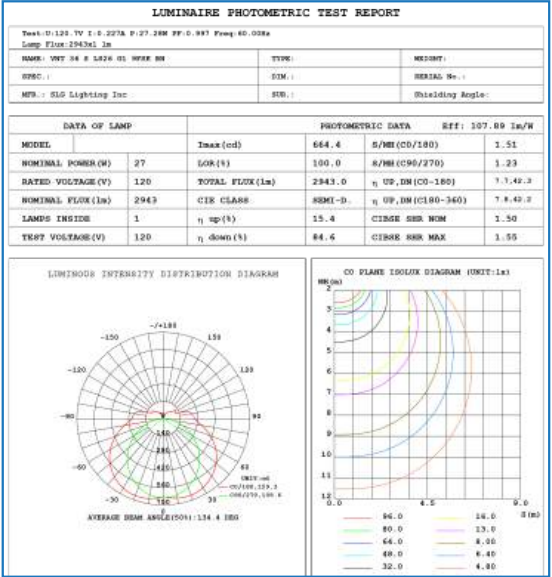
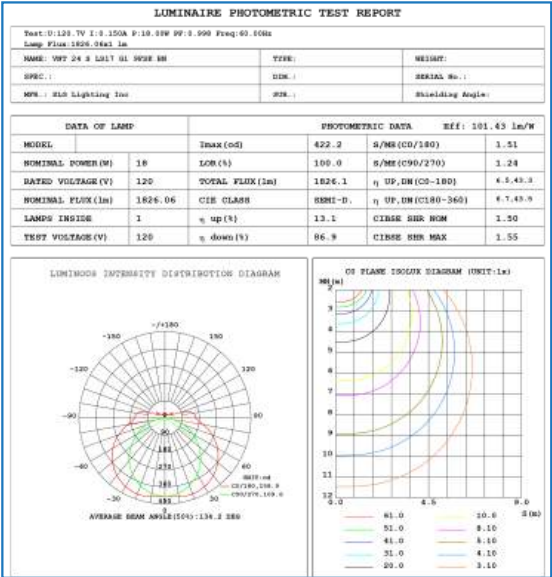
VNT G1 - LED Contemporary Vanity Light



	VNT 24	VNT 36	VNT 48
L (Length)	21.46" (545mm)	33.27" (845mm)	45.08" (1145mm)

PHOTOMETRIC

VNT - 2ft Square, @ 5000K CCT (Brushed Nickel)
 VNT - 3ft Square, @ 5000K CCT (Brushed Nickel)

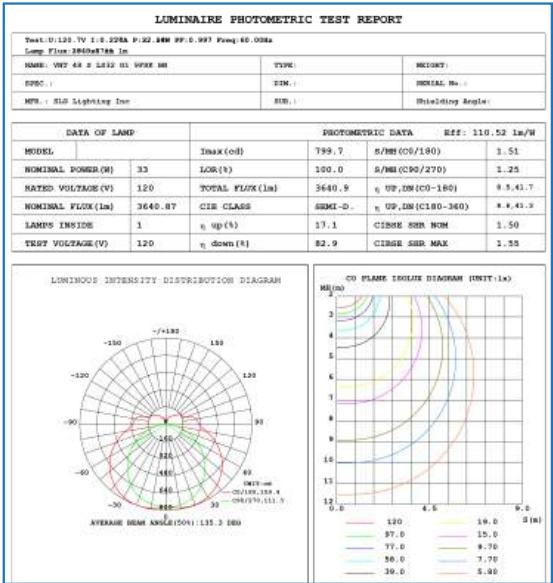


VNT G1 - LED Contemporary Vanity Light



PHOTOMETRIC (CONTINUED)

VNT - 4ft Square, @ 5000K CCT (Brushed Nickel)



COMPATIBLE DIMMER

No.	Brand	Model No.	Interface
1	Leviton	IP710-DLZ	0-10V
2	Lithonia/Synergy	ISD BC 120/277 WH	0-10V
3	Lutron	DVSTV-WH	0-10V
4	HUBBELL	PSD710	0-10V
5	HUBBELL	RSD710Z	0-10V

No.	Brand	Model No.	Interface
1	Lutron	S2-LH	Triac
2	Lutron	DV-600P	Triac
3	Lutron	CT-603P(R)-WH	Triac
4	Legrand	HCL453PTCCCV6	Triac
5	Synergy/Leviton	ISD 600 I 120 / IP 106	Triac
6	Leviton	6633-PA	Triac
7	Leviton	6631-PLW	Triac
8	Leviton	IPL06-10Z	Universal
9	Leviton	6674-POW	Universal
10	Leviton	IP710-DLZ	Universal
11	Leviton	6613-PLA	MLV
12	Lutron	NLV-600-WH	MLV
13	Lutron	DVELV-300P-AL	ELV
14	Lutron	NTELV-300-WH	ELV
15	Lutron	SELV-300P	ELV
16	Insteon	2477D	ELV
17	HUBBELL	RSDE06	ELV
18	Lutron	PD-5NE	Wireless

Due to continuous product improvements, specification and/or equipment updates may change without notice.



VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

FEATURES

- Low profile LED wall luminaire with a variety of IES distributions for lighting applications such as retail, commercial and industrial building mount
- Featuring Strike and Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Visual Comfort - Option for Size 2 and Size 3
- Control options including photo control, occupancy sensing, NX Distributed Intelligence™, and LightGRID+.
- Battery Backup options available for emergency code compliance
- Quick-mount adapter allows easy installation/maintenance
- 347V and 480V versions for industrial applications and Canada



CONTROL TECHNOLOGY



LIGHTGRID+

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- 2700K, 3000K, 3500K, 4000K and 5000K CCTs
- Zero uplight distributions
- LED optics provide IES type II, III and IV distributions.

INSTALLATION

- Quick-mount adapter provides easy installation to wall or to recessed junction boxes (4" square junction box)
- Designed for direct j-box mount.

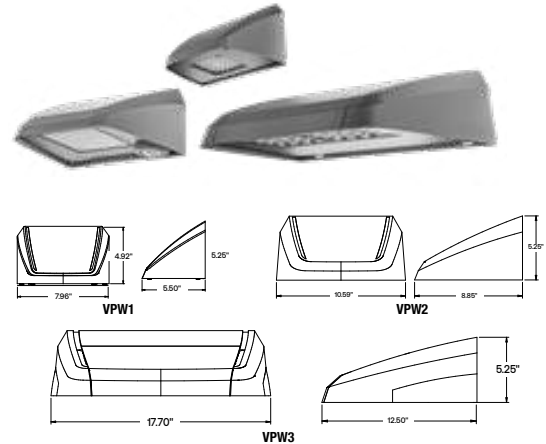
ELECTRICAL

- 120V-277V universal voltage 50/60Hz 0-10V dimming drivers
- 347V input is available in most wattage, 480V is available for 55W and above.
- Ambient operating temperature -40°C to 40°C
- Driver RoHS and IP66
- 10kV Surge Protector optional
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options can not be included in one same fixture.
- Dimming drivers are standard. Select CD (Customer Dimming) for the dimming wires to be extended outside the fixture.

CONTROLS

- Photo control, occupancy sensor and wireless available for complete on/off and dimming control
- Button photocontrol is suitable for 120-277V operation
- NX Distributed Intelligence™ available with in fixture wireless control module, features dimming and occupancy sensor

MICROSTRIKE | OPTICS STRIKE



	Weight
VPW1	4.1 lbs / 1.86 kg
VPW2	7.15 lbs / 3.24 kg
VPW3	17.1 lbs / 7.80 kg

CONTROLS CONTINUED

- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Battery Backup suitable for operating temperatures -20°C to 40°C.
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor.

CERTIFICATIONS

- Certified to UL 1598 and CSA 22.2#2500-24
- IP65 rated housing
- Emergency battery backup options are California Energy Commission (CEC) Title 20 Compliant
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225- 11). See Buy America(n) Solutions (link to <https://http://www.currentlighting.com/resources/americasolutions>).
- DarkSky approved with 3000K CCT or warmer

WARRANTY

- 5 year limited warranty



VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPW1-24L-10-3K7-2-UNV-BLS

CATALOG #

Series	Optic Platform	Size	# LEDs - Wattage	CCT/CRI	Distribution	Voltage	Color
VPW Viper Wall	(blank) MicroStrike	1	24L-10 1,000 Lumens	27K8 2700K, 80 CRI [®]	FR Auto Front Row ^{7,8}	UNV 120-277V	BLT Black Matte Textured
	ST Strike	2	24L-15 2,000 Lumens	3K7 3000K, 70 CRI [®]	2 IES TYPE 2	120 120V	BLS Black Gloss Smooth
			24L-25 3,000 Lumens	4K7 4000K, 70 CRI	3 IES TYPE 3	208 208V	DBT Dark Bronze Matte Textured
			48L-15 2,000 Lumens	5K7 5000K, 70 CRI	4F IES TYPE 4 Forward	240 240V	DBS Dark Bronze Gloss Smooth
			48L-20 3,000 Lumens	3K8 3000K, 80 CRI	4W IES TYPE 4W	277 277V	GTT Graphite Matte Textured
			48L-30 4,000 Lumens	35K8 3500K, 80 CRI		347 347V	LGS Light Grey Gloss Smooth
			48L-35 5,000 Lumens	4K8 4000K, 80 CRI		480 480V	LGT Light Grey Matte Textured
			48L-45 6,000 Lumens	5K8 5000K, 80 CRI			PSS Platinum Silver Smooth
			80L-20 3,000 Lumens	AP Phosphor Converted Amber ¹			WHT White Matte Textured
			80L-25 4,000 Lumens				WHS White Gloss Smooth
			80L-35 5,000 Lumens				VGt Verde Green Textured
			80L-45 6,000 Lumens				Color Option
			80L-55 7,000 Lumens				CC Custom Color
			80L-65 8,000 Lumens				
			80L-70 8,500 Lumens				
			18L-25 3,000 Lumens, Strike Optics				
			18L-30 4,000 Lumens, Strike Optics				
			18L-39 4,750 Lumens, Strike Optics				
			18L-50 6,000 Lumens, Strike Optics				
			18L-60 6,500 Lumens, Strike Optics				
		3	160L-45 7,000 Lumens				
			160L-70 10,000 Lumens				
			160L-95 12,500 Lumens				
			160L-105 15,000 Lumens				
			160L-135 17,500 Lumens				
			160L-155 20,000 Lumens				
			36L-55 7,000 Lumens, Strike Optics				
			36L-80 9,500 Lumens, Strike Optics				
			36L-100 11,500 Lumens, Strike Optics				
			36L-120 13,000 Lumens, Strike Optics				

Control Options Network ^{4,7,13}	
NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ¹⁴
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁹
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁹
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
WIR	LightGRID+ In-Fixture Module ⁹
WIRSC	LightGRID+ In-Fixture Module with BTS occupancy ⁹
Stand Alone Sensors ^{7,13}	
BTS-14F	Bluetooth [®] Programmable, PIR Occupancy/Daylight Sensor ^{4,9}
BTS-40F	Bluetooth [®] Programmable, PIR Occupancy/Daylight Sensor ^{4,9}
BTSO-12F	Bluetooth [®] Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height ¹⁴
Photocontrol ¹³	
PC	Button Photocontrol 120-277V

Options	
F	Fusing ^{5,7}
E	Battery ^{6,7,8}
EH	Battery with Heater ^{6,7,8}
CS	Comfort Shield ^{7,9}
SP	10kA Surge Protector
2PF	Dual Power Feed ^{2,7,8,17}
2DR	Dual Driver ^{2,7,8,17}
CD	Customer Dimming ¹²
DTS	Dimming Transfer Switch ⁷

- Notes:
- Available with Micro Strike Optics only
 - Not available with 480V in Size 1 and Size 2
 - Networked controls cannot be combined with other control options
 - Not available with VPW1 or with 2PF or 2DR options
 - Must specify voltage (VPW1 & VPW2: 120V, 277V or 347V, VPW3: 120V, 208V, 240V, 277V, 347V or 480V)
 - See page 10 for detail Battery configurations
 - Not available in VPW1
 - 2PF can't be combined with E or EH; 2DR can't be combined with E or EH in VPW2
 - Not available in VPW1 and VPW2
 - Not available with Micro Strike 24L and 48L Not available with Strike 18L and 36L
 - Not available with 2PF
 - Not available with Network Control options or Stand Alone Sensors. Can be ordered with PC
 - Not available in 480V in VPW2; Only available in 480V in VPW3 in 80W, 100W, 120W, 135W and 155W
 - NXWS12F and BTSO-12F are the only sensors available in VPW2
 - Available with Strike Optics only (18L or 36L)
 - DarkSky approved with 3000K CCT or warmer
 - Not available in Size 2 80L



VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
48L	20	15	13.1	2	2139	145	1	0	1	2139	145	1	0	1	1981	134	1	0	1
				3	2163	146	1	0	1	2163	146	1	0	1	2003	135	1	0	1
				4F	2097	143	0	0	1	2097	143	0	0	1	1942	132	0	0	1
				4W	2101	143	1	0	1	2101	143	1	0	1	1946	132	0	0	1
		20.5		2	2973	141	1	0	1	2973	141	1	0	1	2753	130	1	0	1
				3	3007	142	1	0	1	3007	142	1	0	1	2784	132	1	0	1
				4F	2915	138	1	0	1	2915	138	1	0	1	2699	128	1	0	1
				4W	2921	138	1	0	1	2921	138	1	0	1	2705	128	1	0	1
	30	28.8		2	4000	137	1	0	1	4000	137	1	0	1	3704	126	1	0	1
				3	4045	138	1	0	1	4045	138	1	0	1	3745	128	1	0	1
				4F	3922	134	1	0	1	3922	134	1	0	1	3631	124	1	0	1
				4W	3930	134	1	0	2	3930	134	1	0	2	3638	124	1	0	1
	35	37.3		2	4997	134	1	0	1	4997	134	1	0	1	4627	124	1	0	1
				3	5053	135	1	0	2	5053	135	1	0	2	4679	125	1	0	1
				4F	4899	131	1	0	1	4899	131	1	0	1	4536	122	1	0	1
				4W	4909	132	1	0	2	4909	132	1	0	2	4545	122	1	0	2
	45	45.9		2	5990	127	1	0	1	5990	127	1	0	1	5546	118	1	0	1
				3	6057	128	1	0	2	6057	128	1	0	2	5608	119	1	0	2
				4F	5872	124	1	0	2	5872	124	1	0	2	5437	115	1	0	1
				4W	5884	125	1	0	2	5884	125	1	0	2	5448	115	1	0	2
VPW2	20	19.4		2	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				3	3516	162	1	0	1	3516	162	1	0	1	3229	149	1	0	1
				4F	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				4W	3535	163	1	0	1	3535	163	1	0	1	3246	150	1	0	1
		26.7		2	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				3	4483	155	1	0	1	4483	155	1	0	1	4117	142	1	0	1
				4F	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				4W	4507	156	1	0	1	4507	156	1	0	1	4139	143	1	0	1
	35	34.2		2	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				3	5488	148	1	0	1	5488	148	1	0	1	5039	136	1	0	1
				4F	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				4W	5516	149	1	0	2	5516	149	1	0	2	5066	137	1	0	1
	45	41.7		2	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				3	6427	146	2	0	2	6427	146	2	0	2	5901	134	1	0	1
				4F	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				4W	6460	147	1	0	2	6460	147	1	0	2	5933	135	1	0	2
	55	50.6		2	7209	137	2	0	2	7209	137	2	0	2	6620	126	1	0	1
				3	7275	139	2	0	2	7275	139	2	0	2	6680	127	2	0	2
				4F	7209	137	1	0	1	7209	137	1	0	1	6620	126	1	0	1
				4W	7313	139	1	0	2	7313	139	1	0	2	6715	128	1	0	2
	65	58.3		2	7781	130	2	0	2	7781	130	2	0	2	7145	119	2	0	2
				3	7852	131	2	0	2	7852	131	2	0	2	7210	120	2	0	2
				4F	7781	130	2	0	1	7781	130	2	0	1	7145	119	1	0	1
				4W	7893	132	1	0	2	7893	132	1	0	2	7248	121	1	0	2
	70	63.5		2	8367	128	2	0	2	8367	128	2	0	2	7683	117	2	0	2
				3	8443	129	2	0	2	8443	129	2	0	2	7753	119	2	0	2
				4F	8367	128	2	0	1	8367	128	2	0	1	7683	117	2	0	1
				4W	8487	130	1	0	2	8487	130	1	0	2	7794	119	1	0	2



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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ELECTRICAL DATA: MICROSTRIKE

# OF LEDS	24L		
NOMINAL WATTAGE	10	15	25
SYSTEM POWER (W)	6.6	14.0	23.0
INPUT VOLTAGE (V)	CURRENT (Amps)		
120	0.06	0.12	0.19
208	0.03	0.07	0.11
240	0.03	0.06	0.10
277	0.02	0.05	0.08
347	0.02	0.04	0.07
480	0.01	0.03	0.05

# OF LEDS	48L				
NOMINAL WATTAGE	15	20	30	35	45
SYSTEM POWER (W)	13.1	20.5	28.8	37.3	45.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.11	0.17	0.24	0.31	0.38
208	0.06	0.10	0.14	0.18	0.22
240	0.05	0.09	0.12	0.16	0.19
277	0.05	0.07	0.10	0.13	0.17
347	0.04	0.06	0.08	0.11	0.13
480	0.03	0.04	0.06	0.08	0.10

# OF LEDS	80L						
NOMINAL WATTAGE	20	25	35	45	55	65	70
SYSTEM POWER (W)	19.4	26.7	34.2	41.7	50.6	58.3	63.5
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.16	0.22	0.29	0.35	0.42	0.49	0.53
208	0.10	0.13	0.18	0.22	0.27	0.28	0.31
240	0.08	0.12	0.15	0.19	0.24	0.24	0.26
277	0.07	0.10	0.13	0.17	0.21	0.21	0.23
347	0.06	0.08	0.11	0.13	0.16	0.17	0.18
480	0.04	0.06	0.08	0.10	0.12	0.12	0.13

# OF LEDS	160L					
NOMINAL WATTAGE	45	70	95	105	135	155
SYSTEM POWER (W)	46.2	68.3	91	106.3	134.8	158.3
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	0.39	0.57	0.76	0.89	1.12	1.32
208	0.22	0.33	0.44	0.51	0.65	0.76
240	0.19	0.28	0.38	0.44	0.56	0.66
277	0.17	0.25	0.33	0.38	0.49	0.57
347	0.13	0.20	0.26	0.31	0.39	0.46
480	0.10	0.14	0.19	0.22	0.28	0.33

Current

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Page 8 of 10
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BEA_ViperWall_Spec_Sheet_R08

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

VPW-2-48L-20-4K7-3-UNV-DBT-PC

Notes:

Type:**WP**

FRM-GREENVILLE26-164793

**VIPER Wall**

VPW1/VPW2/VPW3 LED WALLPACK

DATE:

LOCATION:

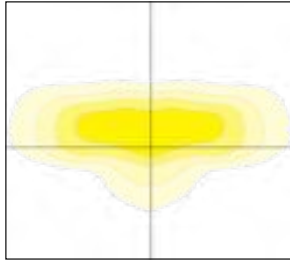
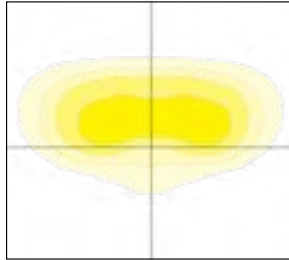
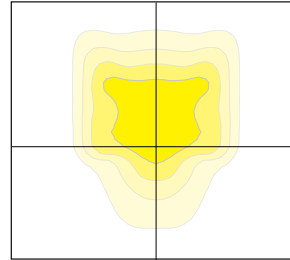
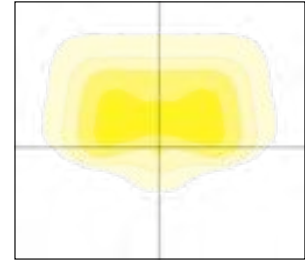
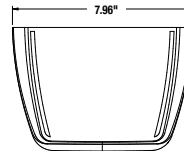
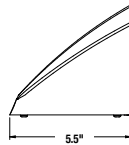
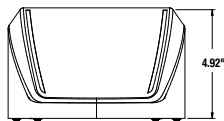
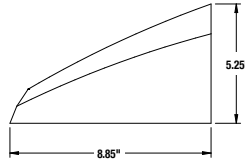
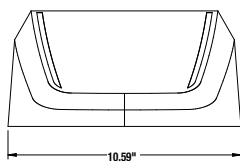
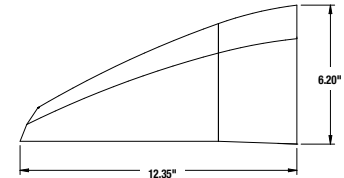
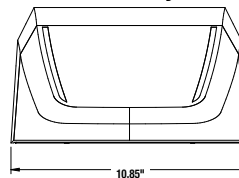
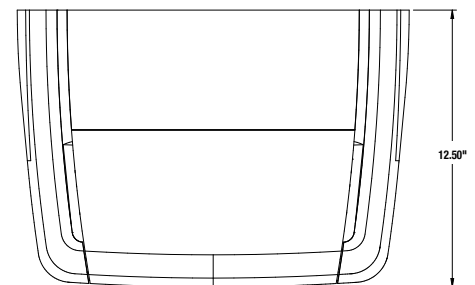
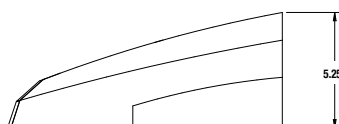
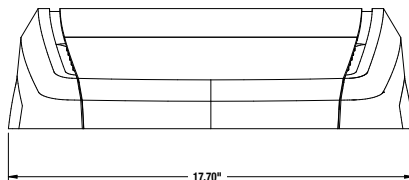
TYPE:

PROJECT:

CATALOG #:

PHOTOMETRY

Mounting Height: 10ft

Type 2**Type 3****Type 4F****Type 4W****DIMENSIONS****VPW1****VPW2****VPW2 with Battery Back Box****VPW3**



VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

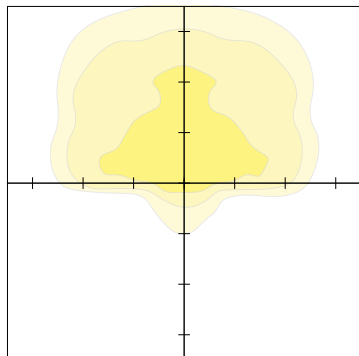
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TYPE:	PROJECT:
CATALOG #:	

BATTERY OPTIONS & HOUSING SIZES

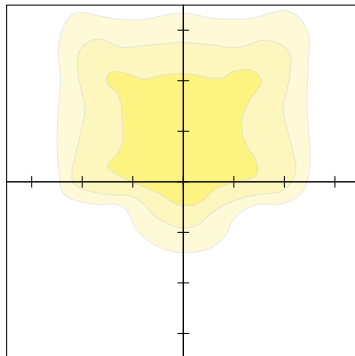
Size	Optics	# LEDs	Fixture Wattage	Battery (E)		Battery with Heater (EH)	
				E (10W)	Housing	EH (13W)	Housing
VPW1	Micro Strike	24L	10W	N/A	Not Available	N/A	Not Available
			15W				
			25W				
VPW2	Micro Strike	48L	15W	Y	Standard Housing	Y	Includes Integrated Back Box
			20W	Y	Standard Housing	Y	Includes Integrated Back Box
			30W	N/A	Not Available	Y	Includes Integrated Back Box
			35W	N/A	Not Available	Y	Includes Integrated Back Box
			45W	N/A	Not Available	Y	Includes Integrated Back Box
	Micro Strike	80L	20W	N/A	Not Available	Y	Includes Integrated Back Box
			25W			Y	Includes Integrated Back Box
			35W			Y	Includes Integrated Back Box
			45W			Y	Includes Integrated Back Box
			55W			Y	Includes Integrated Back Box
			65W			Y	Includes Integrated Back Box
	Strike	18L	25W	N/A	Not Available	Y	Includes Integrated Back Box
			30W			Y	Includes Integrated Back Box
			39W			Y	Includes Integrated Back Box
			50W			Y	Includes Integrated Back Box
			60W			Y	Includes Integrated Back Box
VPW3	Micro Strike	160L	45W	N/A	Not Available	Yes	Standard Housing
			70W			Yes	Standard Housing
			95W			Yes	Standard Housing
			105W			N/A	Not Available
			135W			N/A	Not Available
			155W			N/A	Not Available
	Strike	36L	55W	N/A	Not Available	Yes	Standard Housing
			80W			Yes	Standard Housing
			100W			Yes	Standard Housing
			120W			N/A	Not Available

PHOTOMETRY - BATTERY

18L BATTERY PHOTOMETRY



80L BATTERY PHOTOMETRY



Mounting Height: 12ft
Scale: 10ft



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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPW1-24L-10-3K7-2-UNV-BLS

CATALOG #

Series	Optic Platform	# LEDs - Wattage	CCT/CRI	Distribution	Voltage	Color
VPW1 Viper Wall 1	(blank) MicroStrike ST Strike	24L-10 1,000 Lumens 24L-15 2,000 Lumens 24L-25 3,000 Lumens 48L-15 2,000 Lumens 48L-20 3,000 Lumens 48L-30 4,000 Lumens 48L-35 5,000 Lumens 48L-45 6,000 Lumens 80L-20 3,000 Lumens 80L-25 4,000 Lumens 80L-35 5,000 Lumens 80L-45 6,000 Lumens 80L-55 7,000 Lumens 80L-65 8,000 Lumens 80L-70 8,500 Lumens 18L-25 3,000 Lumens, Strike Optics 18L-30 4,000 Lumens, Strike Optics 18L-39 4,750 Lumens, Strike Optics 18L-50 6,000 Lumens, Strike Optics 18L-60 6,500 Lumens, Strike Optics	27K7 2700K, 80 CRI [®] 3K7 3000K, 70 CRI [®] 4K7 4000K, 70 CRI [®] 5K7 5000K, 70 CRI 3K8 3000K, 80 CRI 35K8 3500K, 80 CRI 4K8 4000K, 80 CRI 5K8 5000K, 80 CRI AP Phosphor Converted Amber ¹	FR Auto Front Row ^{7,8} 2 IES TYPE 2 3 IES TYPE 3 4F IES TYPE 4 Forward 4W IES TYPE 4W	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth LGT Light Grey Matte Textured PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color
VPW2 Viper Wall 2						
VPW3 Viper Wall 3						

Control Options Network ^{6,7,13}	
NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ¹⁴
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁹
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁹
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
WIR	LightGRID+ In-Fixture Module ⁹
WIRSC	LightGRID+ In-Fixture Module with BTS occupancy ⁹
Stand Alone Sensors ^{7,13}	
BTS-14F	Bluetooth [®] Programmable, PIR Occupancy/Daylight Sensor ^{4,9}
BTS-40F	Bluetooth [®] Programmable, PIR Occupancy/Daylight Sensor ^{4,9}
BTSO-12F	Bluetooth [®] Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height ¹⁴
Photocontrol ¹³	
PC	Button Photocontrol 120-277V

Options	
F	Fusing ^{6,7}
E	Battery ^{6,7,8}
EH	Battery with Heater ^{6,7,8}
CS	Comfort Shield ^{7,9}
SP	10kA Surge Protector
2PF	Dual Power Feed ^{2,7,8}
2DR	Dual Driver ^{2,7,8}
CD	Customer Dimming ¹²
DTS	Dimming Transfer Switch ⁷

- Notes:
- Available with Micro Strike Optics only
 - Not available with 480V in Size 1 and Size 2
 - Networked controls cannot be combined with other control options
 - Not available with VPW1 or with 2PF or 2DR options
 - Must specify voltage (VPW1 & VPW2: 120V, 277V or 347V, VPW3: 120V, 208V, 240V, 277V, 347V or 480V)
 - See page 10 for detail Battery configurations
 - Not available in VPW1
 - 2PF can't be combined with E or EH; 2DR can't be combined with E or EH in VPW2
 - Not available in VPW1 and VPW2
 - Not available with Micro Strike 24L and 48L Not available with Strike 18L and 36L
 - Not available with 2PF
 - Not available with Network Control options or Stand Alone Sensors. Can be ordered with PC
 - Not available in 480V in VPW2. Only available in 480V in VPW3 in 80W, 100W, 120W, 135W and 155W
 - NXWS12F and BTSO-12F are the only sensors available in VPW2
 - Available with Strike Optics only (18L or 36L)
 - DarkSky approved with 3000K CCT or warmer



VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPW1-24L-10-3K7-2-UNV-BLS

CATALOG #

DATE:LOCATION:

TYPE:PROJECT:

CATALOG #:

Series	Optic Platform	Size	# LEDs - Wattage	CCT/CRI	Distribution	Voltage	Color
VPW Viper Wall	(blank) MicroStrike	1	24L-10 1,000 Lumens 24L-15 2,000 Lumens 24L-25 3,000 Lumens 48L-15 2,000 Lumens 48L-20 3,000 Lumens 48L-30 4,000 Lumens 48L-35 5,000 Lumens 48L-45 6,000 Lumens 80L-20 3,000 Lumens 80L-25 4,000 Lumens 80L-35 5,000 Lumens 80L-45 6,000 Lumens 80L-55 7,000 Lumens 80L-65 8,000 Lumens 80L-70 8,500 Lumens 18L-25 3,000 Lumens, Strike Optics 18L-30 4,000 Lumens, Strike Optics 18L-39 4,750 Lumens, Strike Optics 18L-50 6,000 Lumens, Strike Optics 18L-60 6,500 Lumens, Strike Optics	27K8 2700K, 80 CRI [®] 3K7 3000K, 70 CRI [®] 4K7 4000K, 70 CRI [®] 5K7 5000K, 70 CRI [®] 3K8 3000K, 80 CRI [®] 35K8 3500K, 80 CRI [®] 4K8 4000K, 80 CRI [®] 5K8 5000K, 80 CRI [®] AP Phosphor Converted Amber ¹	FR Auto Front Row ^{1,5} 2 IES TYPE 2 3 IES TYPE 3 4F IES TYPE 4 Forward 4W IES TYPE 4W	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth LGT Light Grey Matte Textured PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured
	ST Strike	2	48L-20 3,000 Lumens 48L-30 4,000 Lumens 48L-35 5,000 Lumens 48L-45 6,000 Lumens 80L-20 3,000 Lumens 80L-25 4,000 Lumens 80L-35 5,000 Lumens 80L-45 6,000 Lumens 80L-55 7,000 Lumens 80L-65 8,000 Lumens 80L-70 8,500 Lumens 18L-25 3,000 Lumens, Strike Optics 18L-30 4,000 Lumens, Strike Optics 18L-39 4,750 Lumens, Strike Optics 18L-50 6,000 Lumens, Strike Optics 18L-60 6,500 Lumens, Strike Optics				Color Option CC Custom Color
		3	160L-45 7,000 Lumens 160L-70 10,000 Lumens 160L-95 12,500 Lumens 160L-105 15,000 Lumens 160L-135 17,500 Lumens 160L-155 20,000 Lumens 36L-55 7,000 Lumens, Strike Optics 36L-80 9,500 Lumens, Strike Optics 36L-100 11,500 Lumens, Strike Optics 36L-120 13,000 Lumens, Strike Optics				

Control Options Network ^{6,7,13}	
NXWS12F	NX Networked Wireless Enabled Integral NXSP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ¹⁴
NXWS16F	NX Networked Wireless Enabled Integral NXSP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁹
NXWS40F	NX Networked Wireless Enabled Integral NXSP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁹
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
WIR	LightGRID+ In-Fixture Module ⁹
WIRSC	LightGRID+ In-Fixture Module with BTS occupancy ⁹
Stand Alone Sensors ^{7,13}	
BTS-14F	Bluetooth [®] Programmable, PIR Occupancy/Daylight Sensor ^{4,9}
BTS-40F	Bluetooth [®] Programmable, PIR Occupancy/Daylight Sensor ^{4,9}
BTSO-12F	Bluetooth [®] Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height ¹⁴
Photocontrol ¹³	
PC	Button Photocontrol 120-277V

Options	
F	Fusing ^{5,7}
E	Battery ^{6,7,8}
EH	Battery with Heater ^{6,7,8}
CS	Comfort Shield ^{7,15}
SP	10kA Surge Protector
2PF	Dual Power Feed ^{2,7,8,17}
2DR	Dual Driver ^{2,7,8,17}
CD	Customer Dimming ¹²
DTS	Dimming Transfer Switch ⁷

- Notes:
- Available with Micro Strike Optics only
 - Not available with 480V in Size 1 and Size 2
 - Networked controls cannot be combined with other control options
 - Not available with VPW1 or with 2PF or 2DR options
 - Must specify voltage (VPW1 & VPW2: 120V, 277V or 347V; VPW3: 120V, 208V, 240V, 277V, 347V or 480V)
 - See page 10 for detail Battery configurations
 - Not available in VPW1
 - 2PF can't be combined with E or EH, 2DR can't be combined with E or EH in VPW2
 - Not available in VPW1 and VPW2
 - Not available with Micro Strike 24L and 48L. Not available with Strike 18L and 36L
 - Not available with 2PF
 - Not available with Network Control options or Stand Alone Sensors. Can be ordered with PC
 - Not available in 480V in VPW2. Only available in 480V in VPW3 in 80W, 100W, 120W, 135W and 155W
 - NXWS12F and BTSO-12F are the only sensors available in VPW2
 - Available with Strike Optics only (18L or 36L)
 - DarkSky approved with 3000K CCT or warmer
 - Not available in Size 2 80L



VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	48L	15	13.1	2	2139	145	1	0	1	2139	145	1	0	1	1981	134	1	0	1
				3	2163	146	1	0	1	2163	146	1	0	1	2003	135	1	0	1
				4F	2097	143	0	0	1	2097	143	0	0	1	1942	132	0	0	1
				4W	2101	143	1	0	1	2101	143	1	0	1	1946	132	0	0	1
		20	20.5	2	2973	141	1	0	1	2973	141	1	0	1	2753	130	1	0	1
				3	3007	142	1	0	1	3007	142	1	0	1	2784	132	1	0	1
				4F	2915	138	1	0	1	2915	138	1	0	1	2699	128	1	0	1
				4W	2921	138	1	0	1	2921	138	1	0	1	2705	128	1	0	1
		30	28.8	2	4000	137	1	0	1	4000	137	1	0	1	3704	126	1	0	1
				3	4045	138	1	0	1	4045	138	1	0	1	3745	128	1	0	1
				4F	3922	134	1	0	1	3922	134	1	0	1	3631	124	1	0	1
				4W	3930	134	1	0	2	3930	134	1	0	2	3638	124	1	0	1
		35	37.3	2	4997	134	1	0	1	4997	134	1	0	1	4627	124	1	0	1
				3	5053	135	1	0	2	5053	135	1	0	2	4679	125	1	0	1
				4F	4899	131	1	0	1	4899	131	1	0	1	4536	122	1	0	1
				4W	4909	132	1	0	2	4909	132	1	0	2	4545	122	1	0	2
		45	45.9	2	5990	127	1	0	1	5990	127	1	0	1	5546	118	1	0	1
				3	6057	128	1	0	2	6057	128	1	0	2	5608	119	1	0	2
				4F	5872	124	1	0	2	5872	124	1	0	2	5437	115	1	0	1
				4W	5884	125	1	0	2	5884	125	1	0	2	5448	115	1	0	2
	80L	20	19.4	2	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				3	3516	162	1	0	1	3516	162	1	0	1	3229	149	1	0	1
				4F	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				4W	3535	163	1	0	1	3535	163	1	0	1	3246	150	1	0	1
		25	26.7	2	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				3	4483	155	1	0	1	4483	155	1	0	1	4117	142	1	0	1
				4F	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				4W	4507	156	1	0	1	4507	156	1	0	1	4139	143	1	0	1
		35	34.2	2	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				3	5488	148	1	0	1	5488	148	1	0	1	5039	136	1	0	1
				4F	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				4W	5516	149	1	0	2	5516	149	1	0	2	5066	137	1	0	1
		45	41.7	2	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				3	6427	146	2	0	2	6427	146	2	0	2	5901	134	1	0	1
				4F	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				4W	6460	147	1	0	2	6460	147	1	0	2	5933	135	1	0	2
		55	50.6	2	7209	137	2	0	2	7209	137	2	0	2	6620	126	1	0	1
				3	7275	139	2	0	2	7275	139	2	0	2	6680	127	2	0	2
				4F	7209	137	1	0	1	7209	137	1	0	1	6620	126	1	0	1
				4W	7313	139	1	0	2	7313	139	1	0	2	6715	128	1	0	2
		65	58.3	2	7781	130	2	0	2	7781	130	2	0	2	7145	119	2	0	2
				3	7852	131	2	0	2	7852	131	2	0	2	7210	120	2	0	2
				4F	7781	130	2	0	1	7781	130	2	0	1	7145	119	1	0	1
				4W	7893	132	1	0	2	7893	132	1	0	2	7248	121	1	0	2
		70	63.5	2	8367	128	2	0	2	8367	128	2	0	2	7683	117	2	0	2
				3	8443	129	2	0	2	8443	129	2	0	2	7753	119	2	0	2
				4F	8367	128	2	0	1	8367	128	2	0	1	7683	117	2	0	1
				4W	8487	130	1	0	2	8487	130	1	0	2	7794	119	1	0	2



VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ELECTRICAL DATA: MICROSTRIKE

# OF LEDS	24L		
NOMINAL WATTAGE	10	15	25
SYSTEM POWER (W)	6.6	14.0	23.0
INPUT VOLTAGE (V)	CURRENT (Amps)		
120	0.06	0.12	0.19
208	0.03	0.07	0.11
240	0.03	0.06	0.10
277	0.02	0.05	0.08
347	0.02	0.04	0.07
480	0.01	0.03	0.05

# OF LEDS	48L				
NOMINAL WATTAGE	15	20	30	35	45
SYSTEM POWER (W)	13.1	20.5	28.8	37.3	45.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.11	0.17	0.24	0.31	0.38
208	0.06	0.10	0.14	0.18	0.22
240	0.05	0.09	0.12	0.16	0.19
277	0.05	0.07	0.10	0.13	0.17
347	0.04	0.06	0.08	0.11	0.13
480	0.03	0.04	0.06	0.08	0.10

# OF LEDS	80L						
NOMINAL WATTAGE	20	25	35	45	55	65	70
SYSTEM POWER (W)	19.4	26.7	34.2	41.7	50.6	58.3	63.5
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.16	0.22	0.29	0.35	0.42	0.49	0.53
208	0.10	0.13	0.18	0.22	0.27	0.28	0.31
240	0.08	0.12	0.15	0.19	0.24	0.24	0.26
277	0.07	0.10	0.13	0.17	0.21	0.21	0.23
347	0.06	0.08	0.11	0.13	0.16	0.17	0.18
480	0.04	0.06	0.08	0.10	0.12	0.12	0.13

# OF LEDS	160L					
NOMINAL WATTAGE	45	70	95	105	135	155
SYSTEM POWER (W)	46.2	68.3	91	106.3	134.8	158.3
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	0.39	0.57	0.76	0.89	1.12	1.32
208	0.22	0.33	0.44	0.51	0.65	0.76
240	0.19	0.28	0.38	0.44	0.56	0.66
277	0.17	0.25	0.33	0.38	0.49	0.57
347	0.13	0.20	0.26	0.31	0.39	0.46
480	0.10	0.14	0.19	0.22	0.28	0.33

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

VPW-2-48L-20-4K7-3-UNV-DBT-PC-
E

Notes:

Type:**WPE**

FRM-GREENVILLE26-164793

**VIPER Wall**

VPW1/VPW2/VPW3 LED WALLPACK

DATE:

LOCATION:

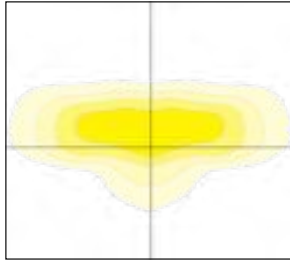
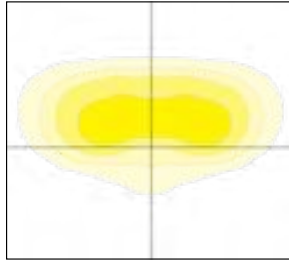
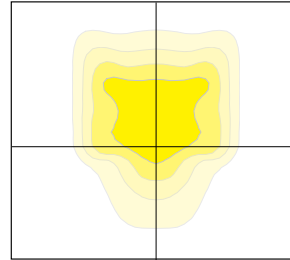
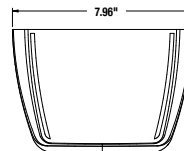
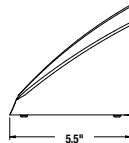
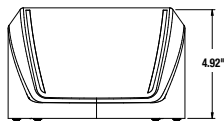
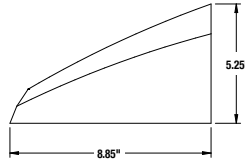
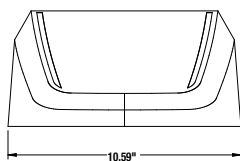
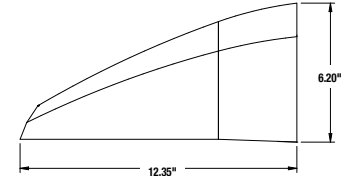
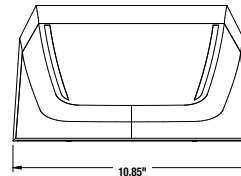
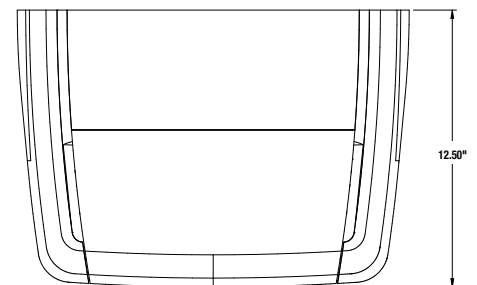
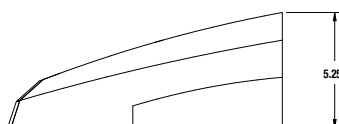
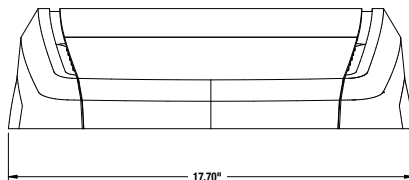
TYPE:

PROJECT:

CATALOG #:

PHOTOMETRY

Mounting Height: 10ft

Type 2**Type 3****Type 4F****Type 4W****DIMENSIONS****VPW1****VPW2****VPW2 with Battery Back Box****VPW3**



VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

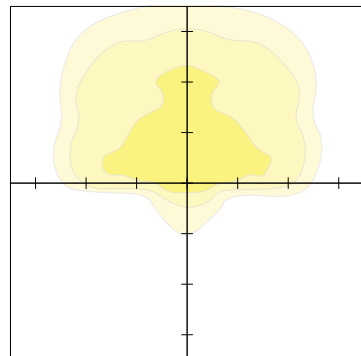
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TYPE:	PROJECT:
CATALOG #:	

BATTERY OPTIONS & HOUSING SIZES

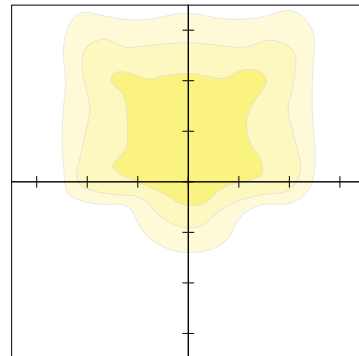
Size	Optics	# LEDs	Fixture Wattage	Battery (E)		Battery with Heater (EH)	
				E (10W)	Housing	EH (13W)	Housing
VPW1	Micro Strike	24L	10W	N/A	Not Available	N/A	Not Available
			15W				
			25W				
VPW2	48L		15W	Y	Standard Housing	Y	Includes Integrated Back Box
			20W	Y	Standard Housing	Y	Includes Integrated Back Box
			30W	N/A	Not Available	Y	Includes Integrated Back Box
			35W	N/A	Not Available	Y	Includes Integrated Back Box
			45W	N/A	Not Available	Y	Includes Integrated Back Box
			20W	N/A	Not Available	Y	Includes Integrated Back Box
			25W			Y	Includes Integrated Back Box
			35W			Y	Includes Integrated Back Box
	Micro Strike	80L	45W			Y	Includes Integrated Back Box
			55W			Y	Includes Integrated Back Box
			65W			Y	Includes Integrated Back Box
			70W			Y	Includes Integrated Back Box
			25W	N/A	Not Available	Y	Includes Integrated Back Box
			30W			Y	Includes Integrated Back Box
	Strike	18L	39W			Y	Includes Integrated Back Box
			50W			Y	Includes Integrated Back Box
			60W			Y	Includes Integrated Back Box
VPW3	Micro Strike	160L	45W	N/A	Not Available	Yes	Standard Housing
			70W			Yes	Standard Housing
			95W			Yes	Standard Housing
			105W			N/A	Not Available
			135W			N/A	Not Available
			155W			N/A	Not Available
	Strike	36L	55W	N/A	Not Available	Yes	Standard Housing
			80W			Yes	Standard Housing
			100W			Yes	Standard Housing
			120W			N/A	Not Available

PHOTOMETRY - BATTERY

18L BATTERY PHOTOMETRY



80L BATTERY PHOTOMETRY



Mounting Height: 12ft
Scale: 10ft



currentlighting.com/beacon

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Submitted by FRM Lighting and Controls		Catalog Number: CERG	Type: X
	Job Name: NEWBERRY COUNTY GALLMAN PLACE COMMUNITY CENTER RENOVATION Architect: DP3 ARCHITECTS-GREENVILLE (GREENVILLE)	Notes:	FRM-GREENVILLE26-164793



DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

tradeSELECT®

FEATURES

- LED life-cycle exceeding 10 years
- Red or Green field selectable exit models
- AC or Emergency models
- Molded-in template for wall mounting, canopy included for ceiling or end mounting
- Dual-voltage 120 or 277V AC input
- Includes long-life Nickel Cadmium (NiCad) or Nickel Metal Hydride (NiMH) for UL recognized 90 minute emergency lighting
- Remote capacity or extended runtime option
- Damp Location Listed 20°C to 30°C (68°F to 86°F)



SPECIFICATIONS

CONSTRUCTION

- The white or black housing is made of high impact UL flame rated thermoplastic with UV protection
- Universal single or double face

INSTALLATION

- Snap together canopy, housing and covers with removable chevrons for quick and easy installation

ELECTRICAL

- The remote capacity option will run 4 CIR/COR single remote lamp-heads or 2 double CIR/COR remote
- Also available with self-test/self-diagnostics to monitor battery/charger failure, battery disconnect and lamp failure

CERTIFICATIONS

- UL924 Listed for Damp Location
- NFPA 101 and NFPA 70
- OSHA
- CEC T20 Compliant

SELF-DIAGNOSTIC FEATURES

- Fault identification for battery, charger, LED integral lamps and remotes
- Self-Testing monthly and annual for 90 minutes
- Manual Testing for 30 second, 15 minutes and 90 minutes

WARRANTY

- 2 year full unit warranty

ORDERING GUIDE

Catalog Number	Description
CARG	White Thermoplastic Exit, Universal Face, Red or Green LED AC Only Exit, Damp Listed 10° to 40°C
CARB	Black Thermoplastic Exit, Universal Face, Red or Green LED AC Only Exit, Damp Listed 10° to 40°C
CERG	White Thermoplastic Exit, Universal Face, Red or Green LED Emergency Exit, NiCad Battery, CEC T20 Compliant, Damp Listed 10° to 40°C
CERGB	Black Thermoplastic Exit, Universal Face, Red or Green LED Emergency Exit, NiCad Battery, CEC T20 Compliant, Damp Listed 10° to 40°C
CAR	White Thermoplastic Exit, Universal Face, Red LED AC Only Exit
CAG	White Thermoplastic Exit, Universal Face, Green LED AC Only Exit
CARB	Black Thermoplastic Exit, Universal Face, Red LED AC Only Exit
CAGB	Black Thermoplastic Exit, Universal Face, Green LED AC Only Exit
CER	White Thermoplastic Exit, Universal Face, Red LED Emergency Exit, NiCad Battery, CEC T20 Compliant
CERB	Black Thermoplastic Exit, Universal Face, Red LED Emergency Exit, NiCad Battery, CEC T20 Compliant
CEG	White Thermoplastic Exit, Universal Face, Green LED Emergency Exit, NiCad Battery, CEC T20 Compliant
CEGB	Black Thermoplastic Exit, Universal Face, Green LED Emergency Exit, NiCad Battery, CEC T20 Compliant
CERRC	White Thermoplastic Exit, Universal Face, Red LED Emergency Exit, Remote Capacity, NiMH Battery, CEC T20 Compliant
CERRCB	Black Thermoplastic Exit, Universal Face, Red LED Emergency Exit, Remote Capacity, NiMH Battery, CEC T20 Compliant
CEGRC	White Thermoplastic Exit, Universal Face, Green LED Emergency Exit, Remote Capacity, NiMH Battery, CEC T20 Compliant
CERSD	White Thermoplastic Exit, Universal Face, Red LED Emergency Exit, Self-Test/Self-Diagnostics, NiCad Battery, CEC T20 Compliant
CEGSD	White Thermoplastic Exit, Universal Face, Green LED Emergency Exit, Self-Test/Self-Diagnostics, NiCad Battery, CEC T20 Compliant

Accessories (Order Separately)	
WGEL Wireguard	8"H x 20"W x 8" D
CIR Series	Matching LED Indoor Remote Heads
COR Series	Matching LED Outdoor Remote Heads

Note: Remote Capacity Exit will only power Compass Indoor and Outdoor Remote (CIR and COR Series)



currentlighting.com/compass

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Rev 08/05/22
COM_CE_SPEC_R01

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

CERG

Notes:

Type:**X**

FRM-GREENVILLE26-164793

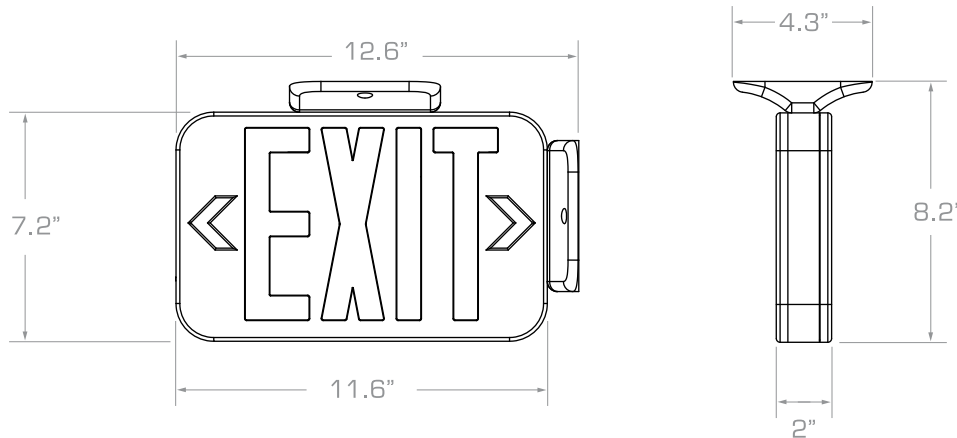
**CE**

LED EMERGENCY EXIT

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

DIMENSIONS

Single Carton Weight	2 lbs.
Master Carton Quantity	6 each

ENERGY CONSUMPTION

	120VAC	277VAC
CARG	2.8W	2.8W
CAR	1.78W	1.88W
CAG	1.52W	1.48W
CERG	3.4W	3.5W
CER	1.78W	1.88 W
CEG	1.49W	1.57 W
CERRC	3.60W	4.14 W
CEGRC	3.28W	3.81 W

ACCESSORIES**CIRS****CIRD****CORD****C0RS**



DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

LIGHTHAWK® DIMMING DUAL TECHNOLOGY WALL SWITCH SENSOR

WALL SWITCH OCCUPANCY SENSORS

FEATURES

- Digital Dual Technology Passive Infrared (PIR) and Ultrasonic (US) sensor
- IntelliDAPT® self-adaptive technology; no manual adjustment required
- Single circuit On/Off switching with 0-10V dimming control
- Occupancy (auto-ON) and Vacancy (manual-ON) operating modes
- 1,000 square-foot, 180° coverage area
- RhinoTuff™ vandal resistant lens
- 120/277VAC and 347VAC models
- Zero Arc Point Switching



SPECIFICATIONS

CONSTRUCTION

- Casing - high - impact injection - molded plastic (UL-94-5V Impact-resistance lens)
- Color-coded leads are 6" (152.4mm) long
- Wrap around galvanized steel mounting strap
- 2.9 oz. (82.21g)
- White; Ivory; Light Almond; Gray; Black
- Quad-element pyrometer and 12-element cylindrical RhinoTuff lens

MOUNTING

- Single-gang NEMA-style switch box (standard switch box)
- Decorator-style wall plate sold separately

ELECTRICAL

- 0-10VDC Dimming, Sink up to 30mA
- Natural light override range: 10-500 foot-candles
- 120/277VAC; 50/60Hz
- 347VAC; 50/60Hz
- 120VAC: 0-1000W Ballast, E-Ballast, LED, Tungsten; Motor Rating: ½ HP
- 277VAC: 0-1200W Ballast, E-Ballast, LED; Motor Rating: ½ HP
- 347VAC: 0-1500W Ballast, E-Ballast, LED; Motor Rating: 1/6 HP

OPERATIONS

- IntelliDAPT
 - Self-adjusting timer
 - Self-adjusting Ultrasonic (US) and passive infrared (PIR) sensitivity
 - Automatic false-on/ false-off corrections
 - No manual adjustments required
- Coverage
 - 1,000 square-foot, 180° coverage area

OPERATIONS (CONTINUED)

- Timer Settings
 - Auto mode: 4-20 minutes; self-adjusts based on occupancy
 - Fixed mode: 4, 8, 15, and 20 minutes
 - Test mode: 5 seconds

OPERATING ENVIRONMENT

- Indoor use only
- Operating temperature: 32° to 104°F (0° to 40°C)
- Relative humidity (non-condensing): 0% to 95%

CERTIFICATIONS

- UL and cUL listed
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See [Buy America\(n\) Solutions](#).

WARRANTY

- 5 year warranty



DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

LIGHTHAWK® DIMMING DUAL TECHNOLOGY WALL SWITCH SENSOR

WALL SWITCH OCCUPANCY SENSORS

ORDERING GUIDE

Example: LHRDMMTS2-N-WH-M

CATALOG #

LHRDMMTS2				
Series	Wiring	Color	Mode*	BAA/TAA**
LHRDMMTS2 Light-HAWK® Dimming Dual Technology, Single Relay, 0-10V Dimming	N Neutral (120/277V) N347 Neutral (347V) ¹	WH White IV Ivory LA Light Almond GY Gray BK Black	Blank Switchable Vacancy or Occupancy Mode M Vacancy Mode Only	Blank Standard Product ** See available Buy American Solutions below

*Vacancy Mode Only Options

LHRDMMTS2-N-WH-M

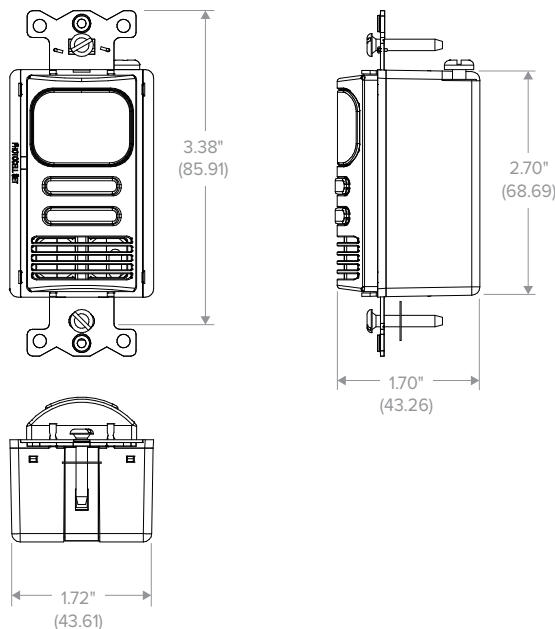
**Buy American Solutions

BAA FAR §52.225-9	TAA FAR §52.225-11
LHRDMMTS2-N-WH-U	LHDMMS2-N-WH-T ²

Notes:

- 347V option only available in white (WH)
 - Base model number is different
- * Please see vacancy mode only options table to right
- ** Please see Buy American Solutions table to right

DIMENSIONS





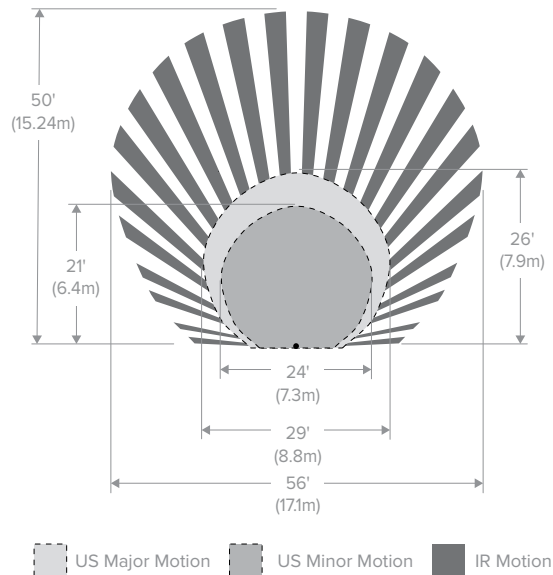
DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

LIGHTHAWK® DIMMING DUAL TECHNOLOGY WALL SWITCH SENSOR

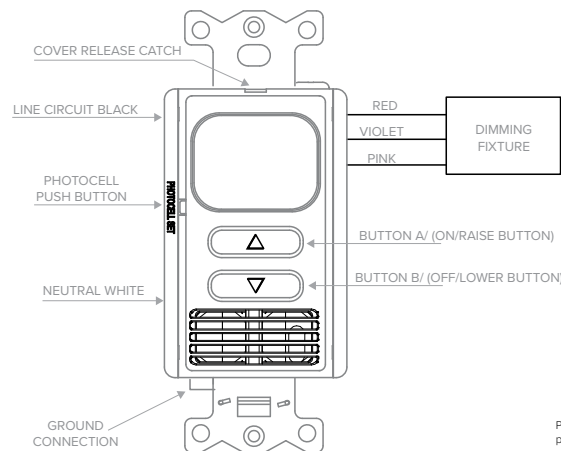
WALL SWITCH OCCUPANCY SENSORS

ADDITIONAL INFORMATION

Coverage Pattern



WIRING DIAGRAMS



Pink wire replaces previous gray wire. Units with a gray instead of pink wire should be wired as the pink wire shown in the diagram.



DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

LIGHTHAWK® DUAL TECHNOLOGY WALL SWITCH SENSOR

WALL SWITCH OCCUPANCY SENSORS

FEATURES

- Digital dual technology: Ultrasonic and Passive Infrared
- IntelliDAPT® self-adaptive technology; no manual adjustment required
- Single and dual relay models for on/off switching
- Occupancy (auto-ON) and Vacancy (manual-ON) operating modes
- 1,000 square-foot, 180° coverage area
- RhinoTuff™ lens
- 120/277VAC, 347VAC and 24VDC models
- Zero Arc Point Switching



SPECIFICATIONS

CONSTRUCTION

- Casing - high - impact injection - molded plastic (UL-94-5V Impact-resistance lens)
- Color-coded leads are 6" (152.4mm) long
- Wrap around galvanized steel mounting strap
- 2.9 oz. (82.21g)
- White; Ivory; Light Almond; Gray; Black
- Dual-element pyrometer and 12-element cylindrical RhinoTuff lens

MOUNTING

- Single-gang NEMA-style switch box (standard switch box)
- Decorator-style wall plate sold separately

ELECTRICAL

- 40kHz output
- Natural light override range: 10-500 foot-candles
- 120/277VAC; 50/60Hz
- 347VAC; 50/60Hz
- 24VDC (requires power pack - sold separately)
- 120VAC: 800W Incandescent/ Electronic Ballast/ LED Driver, 1,000W Magnetic Ballast, ½ HP Motor
- 277VAC: 1,800W Magnetic Ballast/ Electronic Ballast/ LED Driver: ½ HP Motor

ELECTRICAL (CONTINUED)

- 347VAC: 1,500W Magnetic Ballast/ Electronic Ballast/ LED Driver: ½ HP Motor

OPERATIONS

- IntelliDAPT
 - Self-adjusting timer
 - Self-adjusting Ultrasonic (US) and passive infrared (PIR) sensitivity
 - Automatic false-on/ false-off corrections
 - No manual adjustments required
- Coverage
 - 1,000 square-foot, 180° coverage area
- Timer Setting
 - Auto mode: 4-30 minutes; self-adjusts based on occupancy
 - Fixed mode: 4, 8, 15, and 30 minutes
 - Test mode: 5 seconds

OPERATING ENVIRONMENT

- Indoor use only
- Operating temperature: 32° to 104°F (0° to 40°C)
- Relative humidity (non-condensing): 0% to 95%

CERTIFICATIONS

- UL and cUL listed
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See [Buy America\(n\) Solutions](#).

WARRANTY

- 5 year warranty



DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

LIGHTHAWK® DUAL TECHNOLOGY WALL SWITCH SENSOR

WALL SWITCH OCCUPANCY SENSORS

ORDERING GUIDE

Example: LHRMTS1-G-WH-U

CATALOG #

Series	Buttons	Wiring	Color	Mode*	BAA/TAA**
LHRMTS LightHAWK Dual Technology Single Relay	0 0 1 1	G Ground (120/277V) N Neutral (120/277V) 24V Low Voltage ³ G347 Ground (347V) ⁴ N347 Neutral (347V) ⁴	WH White ¹ IV Ivory ² LA Light Almond ² GY Gray ² BK Black ²	Blank Switchable Vacancy or Occupancy Mode M Vacancy Mode Only	Blank Standard Product ** See available Buy American Solutions below

Example: LHRDCMD2-G-WH

CATALOG #

Series	Buttons	Wiring	Color	Mode*	BAA/TAA**
LHRDCMD2 LightHAWK Dual Technology Dual Relay	0 0 2 2	G Ground (120/277V) N Neutral (120/277V) G347 Ground (347V) ⁴	WH White ¹ IV Ivory ² LA Light Almond ² GY Gray ² BK Black ²	Blank Switchable Vacancy or Occupancy Mode M Vacancy Mode Only	Blank Standard Product ** See available Buy American Solutions below

Example: LHRMTD2-24V-WH-T

CATALOG #

Series	Buttons	Wiring	Color	Mode*	BAA/TAA**
LHRMTD LightHAWK Dual Technology with (2) Low Voltage Outputs (24V Only)	0 0 2 2	24V Low Voltage ³	WH White ¹	Blank Switchable Vacancy or Occupancy Mode	Blank Standard Product ** See available Buy American Solutions below

Notes:

- All options available in white (WH)
 - Please consult factory for color options other than white
 - Low voltage sensors require a power pack that is sold separately
 - 347V options only available in white (WH)
 - Base model number is different
- * Please see vacancy mode only options table below
** Please see Buy American Solutions table below

*Vacancy Mode Only Options
LHRMTS1-G-WH-M
LHRMTS1-G-IV-M
LHRMTS1-G-GY-M
LHRMTS1-N-WH-M
LHRMTS1-24V-WH-M
LHRDCMD2-G-WH-M

**Buy American Solutions	
BAA	TAA
LHRMTS1-G-WH-U	LHMTS1-G-WH-T ⁵
	LHMTS1-24V-WH-T ⁵
	LHMTS1-N-WH-T ⁵
	LHDCMD2-G-WH-T ⁵
	LHMTD2-24V-WH-T ⁵

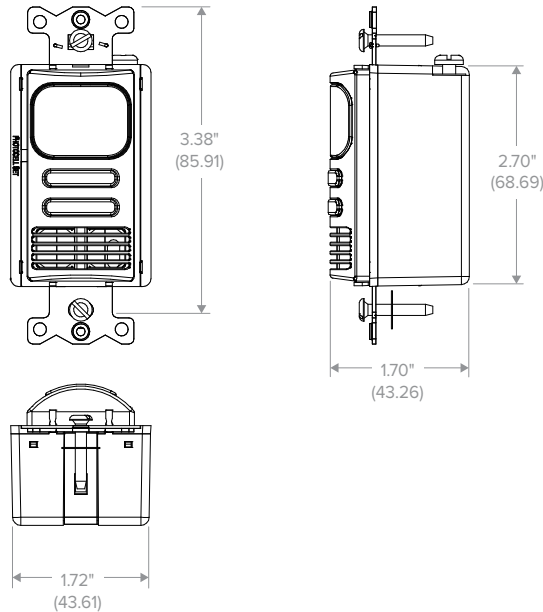


DATE: _____	LOCATION: _____
TYPE: _____	PROJECT: _____
CATALOG #: _____	

LIGHTHAWK® DUAL TECHNOLOGY WALL SWITCH SENSOR

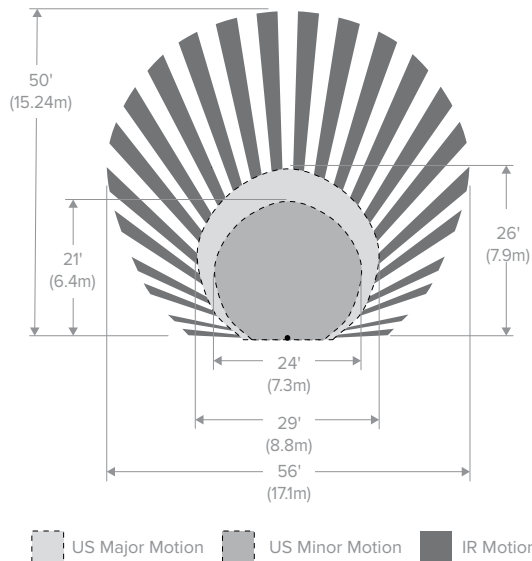
WALL SWITCH OCCUPANCY SENSORS

DIMENSIONS



ADDITIONAL INFORMATION (CONTINUED)

Coverage Pattern

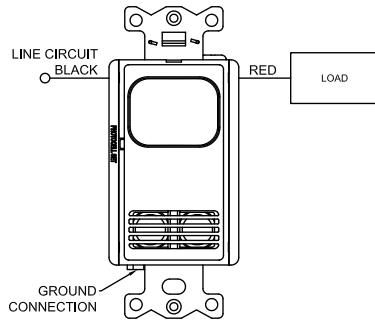




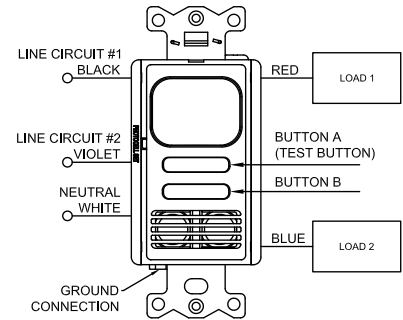
LIGHTHAWK® DUAL TECHNOLOGY WALL SWITCH SENSOR

WALL SWITCH OCCUPANCY SENSORS

Wiring Diagrams



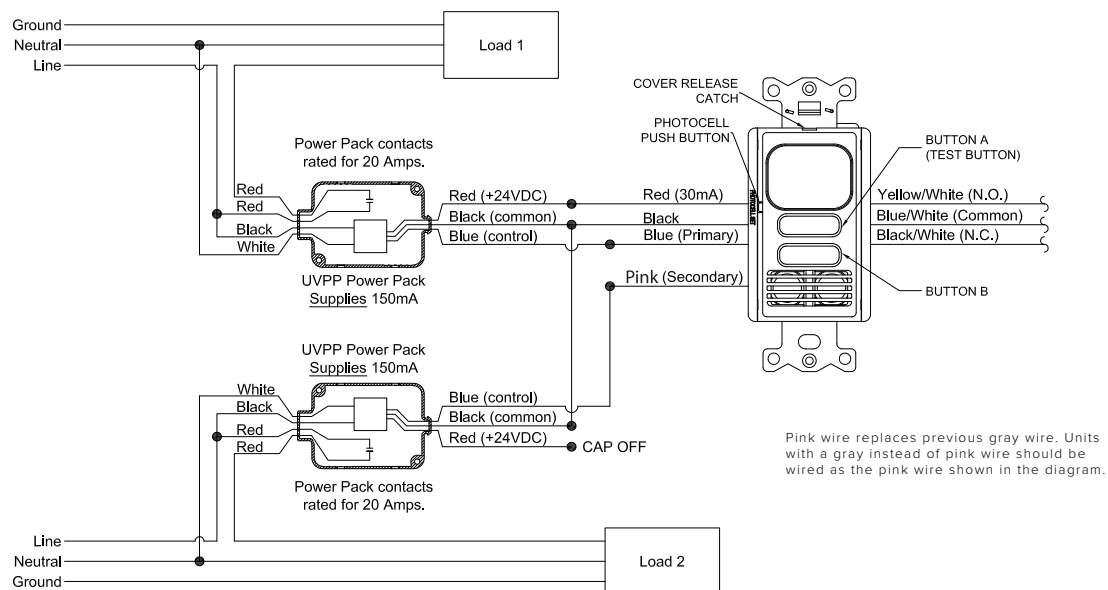
SINGLE LOAD WIRING



DUAL LOAD WIRING

ADDITIONAL INFORMATION (CONTINUED)

Wiring Diagrams



Low Voltage Dual Level Control with Two Power Packs

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

LODT

Notes:

Type:**W OCC**

FRM-GREENVILLE26-164793



DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

LightOWL® PIR AND ULTRASONIC WALL MOUNT SENSOR

CEILING AND WALL MOUNT OCCUPANCY SENSORS

FEATURES

- IntelliDAPT® self-adaptive technology—no manual adjustment required
- All-digital dual technology passive infrared (PIR) and ultrasonic (US) sensor
- Non-volatile memory for sensor settings
- 1,600 square-foot coverage area
- Optional relay and photocell control
- Low voltage device: 24VDC
- 5 year warranty

**SPECIFICATIONS****CONSTRUCTION**

- Casing - Rugged, high-impact, injection-molded plastic KJB ABS Cylolac (UL-945VA)
- Color-coded leads are 6" long (152.4mm)
- 5.0 oz. (142g)
- Off-white
- Red-Infrared motion
- Green-Ultrasonic detection
- Dual-element pyrometer and 12-element cylindrical rugged lens

MOUNTING

- Mounting base provided
- Recommended MAX mounting height: 12ft. (3.66m)

ELECTRICAL

- Operating frequency: 32kHz
- 24VDC, 33 mA (uses UVPP and MP-Series power pack—not included)
- 24VDC active high-logic control signal with short circuit protection and optional dry contact

OPERATIONS

- IntelliDAPT
 - Auto reset from test setting
 - Self-adjusting timer
 - Self-adjusting passive infrared and acoustic thresholds
 - Automatic false-ON/false-OFF corrections
- Coverage
 - 1,600 square feet (365.76 square meters)
- Timer Settings
 - Automatic mode: 8–30 minutes (self-adjusts based on occupancy)
 - Test mode: 8 seconds (for an easy check at installation)
- RP Option
 - Relay and photocell included
 - Relay: N/O + N/C contacts; SPDT; 500 mA rated @ 24VDC; three-wire isolated relay

- RP Option (Continued)

- Photocell: adjustable natural-light override ranges from 0 to 100 foot-candles (0–1,000 lux)
- Factory set at 3,000 lux (disable photocell)

OPERATING ENVIRONMENT

- Indoor use only
- Operating temperature: 32° to 104°F (0° to 40°C)
- Relative humidity (non-condensing): 0% to 95%

CERTIFICATIONS

- Listed UL and cUL
- Product configurations meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11). See [Buy America\(n\) Solutions](#).

WARRANTY

- 5 year warranty

ORDERING GUIDE

Example: LODTRP-T

CATALOG # _____

LO	DT			
Series	Technology		Relay/Photocell Option	TAA*
LO	DT Dual Technology Passive Infrared and Ultrasonic Sensor		RP Relay Photocell Blank No Relay Photocell	Blank Standard Product * See available Buy American Solutions to right

*Buy American Solutions
TAA FAR §52.225-11
LODTRP-T

Notes:

*Please see Buy American Solutions table above

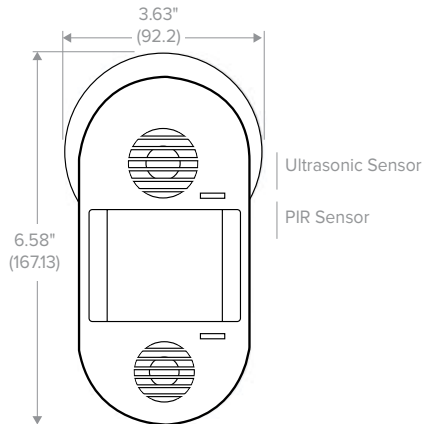


DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

LightOWL® PIR AND ULTRASONIC WALL MOUNT SENSOR

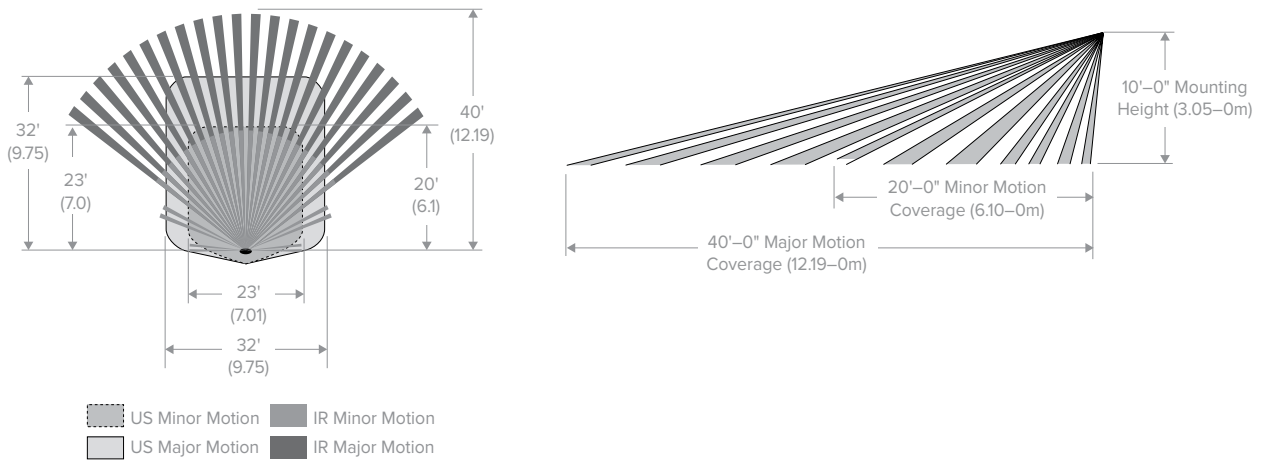
CEILING AND WALL MOUNT OCCUPANCY SENSORS

DIMENSIONS



ADDITIONAL INFORMATION

Coverage Patterns



**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:

LODT

Notes:

Type:**W OCC**

FRM-GREENVILLE26-164793



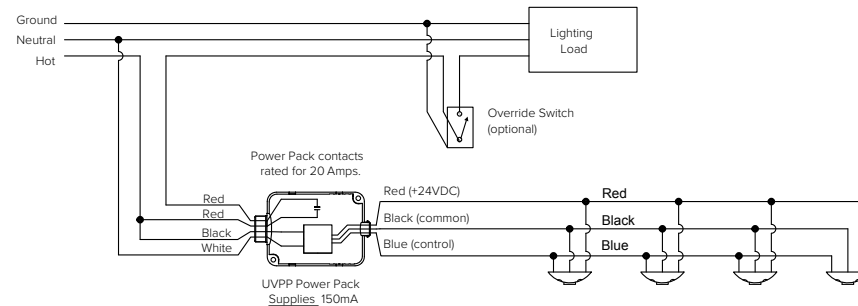
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CATALOG #: _____

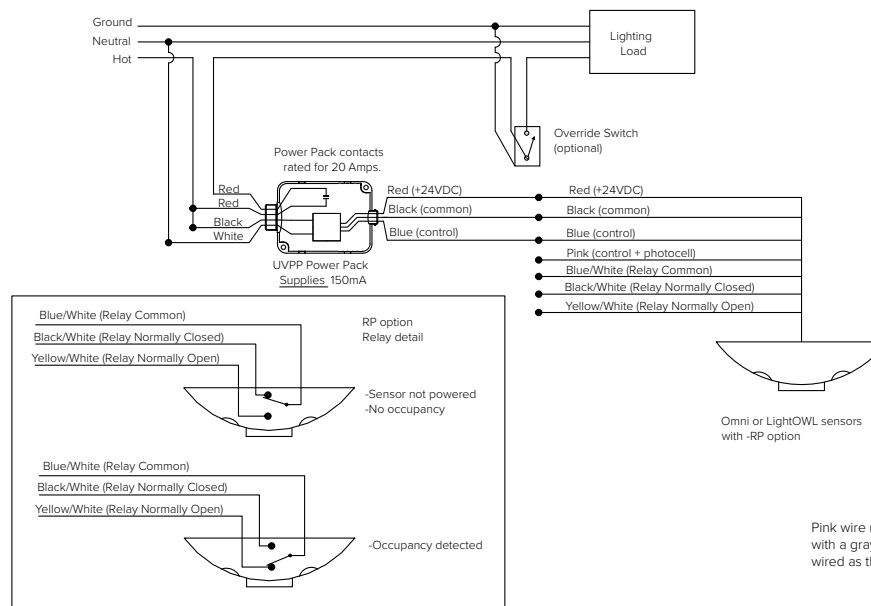
LightOWL® PIR AND ULTRASONIC WALL MOUNT SENSOR

CEILING AND WALL MOUNT OCCUPANCY SENSORS

ADDITIONAL INFORMATION**Wiring Diagrams**

NOTE:

- DO NOT attempt to power more than 4 devices, be it sensors or slave packs, from a single power pack.

1 Circuit with up to 4 Sensors and UVPP**1 Circuit with RP Option Wiring**



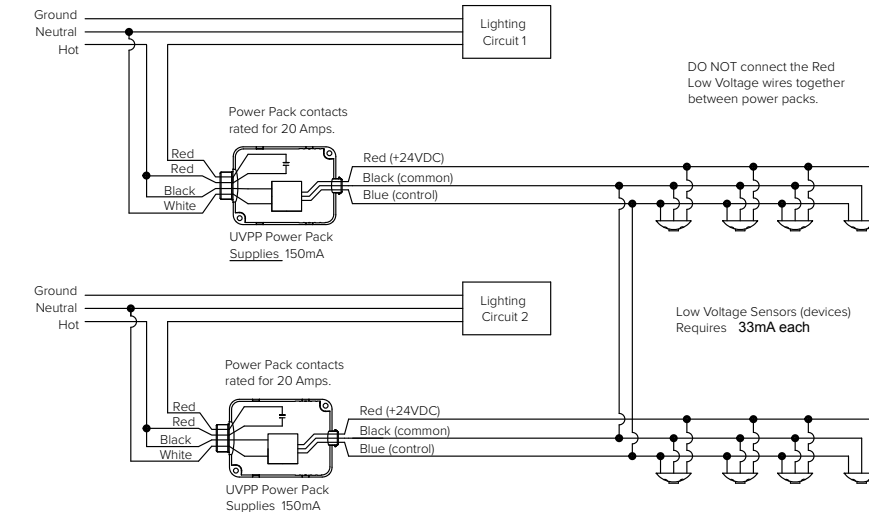
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TYPE:	PROJECT:
CATALOG #:	

LightOWL® PIR AND ULTRASONIC WALL MOUNT SENSOR

CEILING AND WALL MOUNT OCCUPANCY SENSORS

ADDITIONAL INFORMATION

Wiring Diagrams



NOTES:

1. Lighting load turns on when at least one sensor detects motion
2. DO NOT attempt to power more than 4 devices, be it sensors or slave packs, from a single power pack
3. No more than 4 power packs should be connected in this way

2 Circuits with 5 to 8 Sensors

Lighting Controls

Rocker Slide Dimmer

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- Rocker switch with slender dimmer control slide bar
- Integrated linear full-range slide control for easy, precise operation
- Separate ON/OFF switch that preserves the selected brightness setting
- Provides single pole (one location) or 3-way (two location) lighting control when paired with a 3-way switch
- Trim adjustment for fine tuning
- Slim, compact housing fits easily into a standard wallbox



SPECIFICATIONS

ELECTRICAL

RSD0108-UNV

- 10A@120VAC-60Hz
- 5A@277VAC-60Hz
- No neutral required
- Single Pole/3-way
- 0-10V Control

RSD300-120

- 120VAC-60Hz
- 600W Incandescent/Halogen
- 300W LED/CFL (2.5A)
- No neutral required
- Single Pole/3-way
- Toggable Locator Light
- Forward Phase Control
- Load Ratings:
 - Single gang
 - 600W Incandescent
 - 300W (2.5A) LED/CFL
 - 2-gang
 - 500W Incandescent
 - 300W (2.5A) LED/CFL

3-gang or more

- 400W Incandescent
- 300W (2.5A) LED/CFL

RSDE06-120-WVL

- 120VAC-60Hz
- 300W LED/CFL
- ELV 600VA
- Neutral required
- Single Pole/3-way
- Reverse Phase Mosfet Control
- Load Ratings:
 - Single gang
 - 480W (4A)
 - 2-gang
 - 480W (4A)
 - 3-gang or more
 - 480W (4A)

MOUNTING

- Single-gang NEMA-style switch box (standard wall switch box)
- Decorator-style wall plate sold separately



RSD0108



RSD300

COLOR

- Available in White, Ivory, and Light Almond

OPERATING ENVIRONMENT

Operating Temperature:

- RSD0108: 0°C to 40°C (32°F to 104°F)
- RSD300: -20°C to 40°C (-4°F to 104°F)
- RSDE06: 0° to 55°C (32°F to 131°F)

INSTALLATION

- RSD300: Use with compatible dimmable LED, CFL bulbs, incandescent or 120V halogen fixtures only
- Sharing a neutral wire may cause flickering. Connect all devices to the same phase or run a separate neutral to each phase. Consult Tech Line if problems persist

CERTIFICATIONS

- cULus, UL 1472, Title 24, NEMA SSL 7A

WARRANTY

- 1 year warranty

ORDERING GUIDE

CATALOG #

Models		Color	
RSD300-120	Rocker-Slide Dimmer for Dimmable LED, CFL and Incandescent, Locator Light, 600W@120VAC Incandescent, 300W@120VAC Dimmable LED and CFL, 60Hz, Single Pole or 3-Way	WH	White
RSD0108-UNV	Rocker-Slide Dimmer for 0-10V LED Drivers and Fluorescent and HID Ballasts, 10A@120VAC, 5A@277VAC, 60Hz, Single Pole or 3-Way.	IV	Ivory
		LA	Light Almond
RSDE06-120	Rocker-Slide Dimmer for Electronic Low Voltage, Dimmable LED and CFL, 600VA@120VAC Electronic Low Voltage, 300W@120VAC Dimmable LED and CFL, 60Hz, Neutral Required, Single Pole or 3-Way - White, Ivory & Light Almond	WVL ¹ White with Ivory & Light Almond Color Change Kits	
COLOR KIT Model		Color	
RSDKIT-NL	Rocker-Slide Dimmer Color Change Kit for RSDE06 Dimmer	WH	White
		IV	Ivory
		LA	Light Almond
		GY	Gray
		BK	Black
		BN	Brown
		RD	Red

Notes

1 WVL option only available for RSDE06-120

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:
RSD0108-UNV-WH

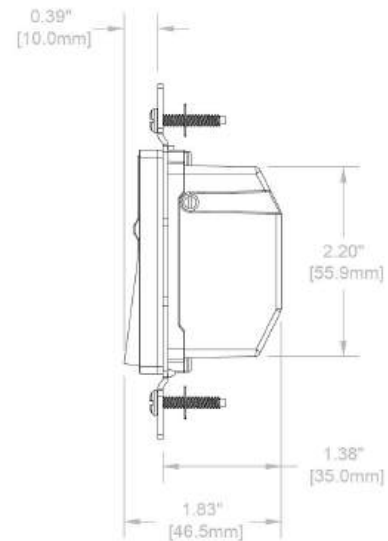
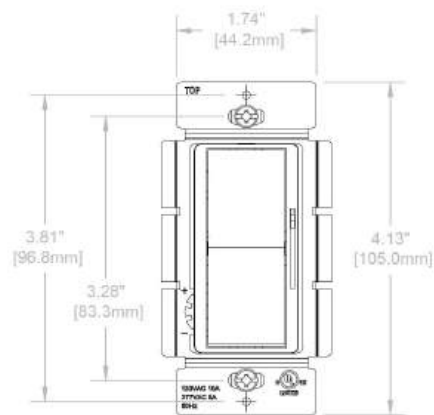
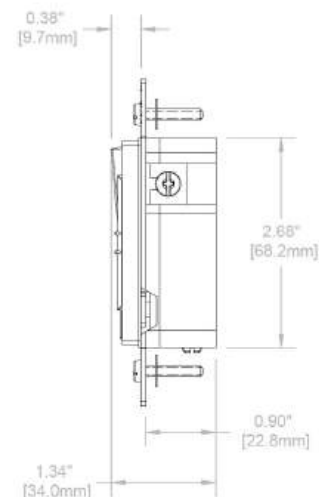
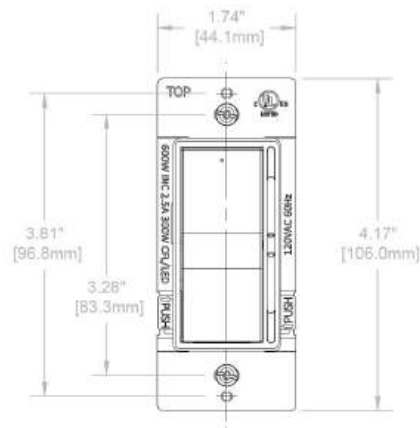
Notes:

Type:**D**

FRM-GREENVILLE26-164793

Lighting Controls

Rocker Slide Dimmer

DIMENSIONS**RSD0108****RSD300**

**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:
RSD0108-UNV-WH

Notes:

Type:**D**

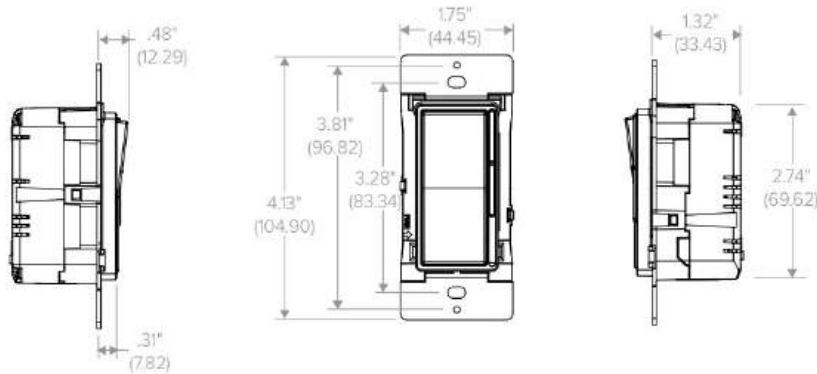
FRM-GREENVILLE26-164793

Lighting Controls

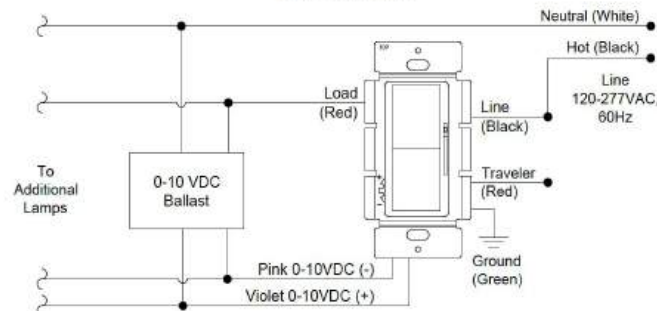
Rocker Slide Dimmer

DIMENSIONS CONTINUED

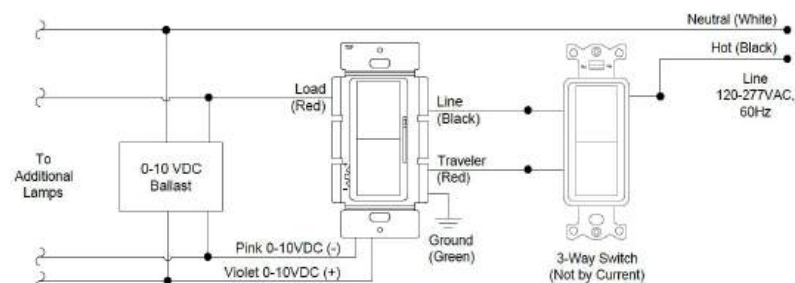
RSDE06

**WIRING DIAGRAMS**

RSD0108

SINGLE-POLE

Pink wire replaces previous gray wire. Units with a gray instead of pink wire should be wired as the pink wire shown in the diagram.

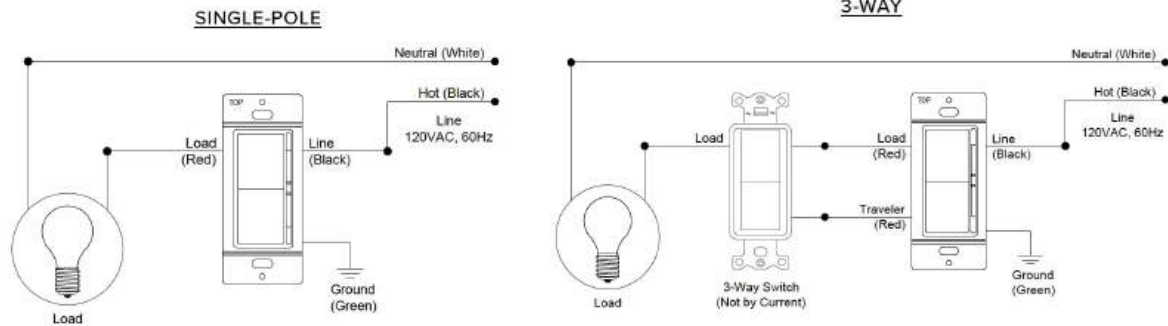
3-WAY

Lighting Controls

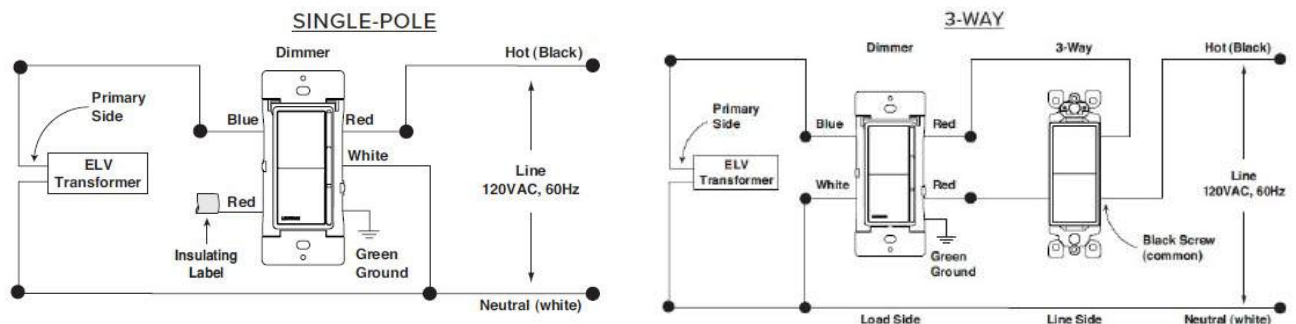
Rocker Slide Dimmer

WIRING DIAGRAMS (CONTINUED)

RSD300



RSDE06



**Job Name:**

NEWBERRY COUNTY GALLMAN PLACE
COMMUNITY CENTER RENOVATION
Architect: DP3 ARCHITECTS-GREENVILLE
(GREENVILLE)

Catalog Number:
UVPPHD+

Notes:

Type:**PP**

FRM-GREENVILLE26-164793



DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

Heavy Duty Universal Power Pack

POWER PACKS AND RELAYS

FEATURES

- Universal voltage: 120/277/347VAC; 50/60Hz
- Automatic voltage detection
- Electrical loads switching capability: maximum of 20 Amps
- Regulated 24VDC current; 250mA output
- Zero arc point switching
- Plenum Rated
- Auto or Manual ON operation
- Powers up to six low voltage sensors
- Five-year limited warranty

**SPECIFICATIONS****CONSTRUCTION**

- Housing: Rugged injection molded plastic, UL 94-5VA flame class rating
- Color: Black
- Weight: 5.62oz (159.3g)
- Dimensions: 4.0" (101.60mm) L x 3.4" (86.36mm) W x 1.73" (43.94mm) H

MOUNTING

- Mounts directly to an external junction box through a 1/2" threaded chase nipple
- Mounts inside junction box using #6-32 pan head screws

ELECTRICAL**Input:**

- 120/277/347VAC, 20A Max, 50/60 Hz

Output:

- 20A, Ballast, Incandescent
- 16A, Electronic Ballast
- 1HP @120VAC, 1HP @240/347VAC

Low Voltage Output:

- 24VDC; 250mA nominal, isolated, and regulated

OPERATING ENVIRONMENT

- Rated for indoor use only
- Operating Temperature: -40°F to 149°F (-40°C to 65°C)
- Relative humidity (non-condensing) 0% to 90%

CERTIFICATIONS

- cULus Listed
- UL2043 Plenum Rated

WARRANTY

- 5-year limited warranty
- See website for additional information

ORDERING GUIDE

Example: UVPPHD+

CATALOG #

Model

UVPPHD+ Heavy Duty Universal Voltage Power Pack with
Automatic or Manual ON operation



currentlighting.com

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Rev 03/24/25

1604_UVPPHD+_Spec_sheet_R02