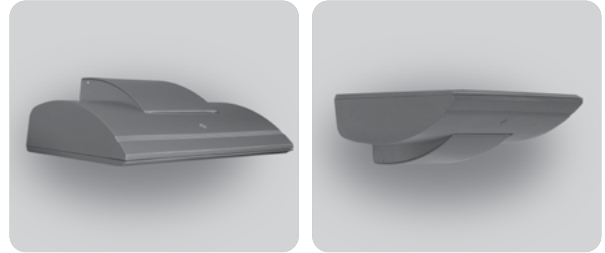


WDM
WALL MOUNTED

Wall Director

FEATURES

- -5° to +10° tilt adjustment
- High performance optics deliver up to 16,000 lumens
- up or down mountable without modification
- Programmable occupancy sensor (dimming)
- NX Lighting Controls
- 130+ lumens per watt
- UL/cUL listed for wet locations, IP66 Listed.



Wall Director Medium

RELATED PRODUCTS

Wall Director
Small



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Optical housing is a one-piece, die-cast low copper (<0.6%) aluminum alloy with integral heat sink. The housing rotates against mounting arm housing to provide -5° to 10° of adjustment with degree markers label. At 0° adjustment, lens is totally concealed from view above horizontal with fixture mounted in the downward position.
- Mounting arm housing is one-piece die-cast, low copper (<0.6%) aluminum alloy with provisions for tilt mechanism. Mounting arm fastens to the mounting plate with keyhole slots freeing both hands for securing and wiring. One stainless steel socket-head screw on the tilt mechanism frees the optical housing to rotate for aiming. Tightening the screws locks the housing and lens frame together with sealing provided by a silicone gasket. For visual aiming, adjustment may be accomplished with the fixture on.
- Lens Frame is a one-piece, die-cast low copper (<0.6%) aluminum alloy with integral cooling fins to dissipate driver thermal.
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat
- Bracketry and hardware shall be stainless steel

OPTICS

- LEDs mount to a metal printed circuit board assembly (MCPCB).
- Optical lenses are clear injection molded PMMA acrylic.
- Secondary lens is impact resistant 1/8" tempered glass with anti-reflective coating.

INSTALLATION

- Junction box (by Others): Standard with steel, quick-mount junction box plate that mounts directly to 4" J-Box.
- Mounting plate is stainless steel and features a one-piece EPDM gasket on back side of plate to firmly seal fixture to wall surface, forbidding entry of moisture and particulates.
- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

SERVICING

- Housing should hang freely in an open service position for inspection of primary wire connections. Once in service position, the housing can be removed for service by sliding the assembly to the left (for down mounting) or to the right (for up mounting) and disconnecting the wiring plugs.
- Driver assembly shall be mounted to a prewired internal tray with quick disconnects for removal.

ELECTRICAL

- Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed.
- High voltage configurations, 347/480. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is Underwriters Laboratories listed.
- "Thermal Shield", secondary side, thermistor provides protection for the sustainable life of LED module and electronic components.
- Drivers have a greater than a 0.9 power factor, less than 20% harmonic distortion, and be suitable for operation in -40°C to 40°C ambient environments.
- Luminaire shall be capable of operating at 100% brightness in a 40°C environment. Both driver and optical array have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C.
- Modular wiring harness in the service area provides user access to the dimming circuitry.

(Specifications continued on page 3)

| KEY DATA | |
|-----------------------|-----------------|
| Lumen Range | 5,950–16,000 |
| Wattage Range | 54–131 |
| Efficacy Range (LPW) | 97–145 |
| Reported Life (Hours) | L70/60,000 |
| Weight | 35 lbs/15.87 kg |

WDM
WALL MOUNTED

ORDERING GUIDE

Example: WDM-D-48L-55-3K7-1-UNV-BLS-PC-EM

CATALOG #

HOUSING

| WDM | | Mounting | | Source | | Wattage | | Light Engine | | Distribution | |
|-----|------------------------|----------|----------------|--------|---------|---------|---------------------|-------------------|-----------------------|------------------|--------------------|
| WDM | WallDirector Medium | D | Down | 48L | 48 LEDs | 55 | 55 Watts, 6000 lm | AM ⁶ | Amber-595nm Peak | 1 | Type I |
| | | | U ¹ | | | Up | 65 | 65 Watts, 8000 lm | 3K7 | 3000K/70CRI | 2 |
| | | | | | | 85 | 85 Watts, 10000 lm | 3K8 | 3000K/80CRI | 3 | Type III |
| | | | | | | 105 | 105 Watts, 12000 lm | 4K7 | 4000K/70CRI | 4W | Type IV Wide |
| | | | | | | 130 | 130 Watts, 14000 lm | 4K8 | 4000K/80CRI | 4F | Type IV Forward |
| | | | | | | | | 5K7 | 5000K/70CRI | WG ² | Wall Graze |
| | | | | | | SP | Spot/Column | FTD ² | Forward Throw Diffuse | WTD ² | Wide Throw Diffuse |

| Voltage | | Fixture Finish | | Control Options | | Options | | Control Accessories | |
|------------------|----------|---------------------|------------------------------|----------------------------|--|-------------------|-----------------------------------|---------------------|------------------------|
| UNV | 120-277V | BLS | Black Gloss Smooth | SCP-8F ^{3,4,5,9} | Programmable Occ. Sensor (<9' height) | EM ³ | Integral Battery Backup Unit (8W) | SCPREMOTE | SCP configuration tool |
| 347 ³ | 347V | BLT | Black Matte Textured | SCP-20F ^{3,4,5,9} | Programmable Occ. Sensor (<9' - 20' height) | SF | Single Fuse & Fuse holder | | |
| 480 ³ | 480V | DBS | Dark Bronze Gloss Smooth | 2DR | Dual Drivers | DF | Double Fuse & Fuse holder | | |
| | | DBT | Dark Bronze Matte Textured | 2PF | Dual Power Feeds | SCM1 | 1/2" Surface Conduit Mount | | |
| | | GTT | Graphite Matte Textured | NXWS16F ^{1,4} | NX Networked Wireless Enabled Integral NXSM2-LMO PIR | SCM2 | 3/4" Surface Conduit Mount | | |
| | | LGS | Light Grey Gloss Smooth | | Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming | PC ^{3,5} | Button Photocell | | |
| | | LGT | Light Grey Matte Textured | NXW ^{4,5} | NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor | | | | |
| | | PSS | Platinum Silver Gloss Smooth | | | | | | |
| | | VGT | Verde Green Matte Textured | | | | | | |
| | | WHS | White Gloss Smooth | | | | | | |
| | | WHT | White Matte Textured | | | | | | |
| | | Color Option | | | | | | | |
| | | CC ⁸ | Custom Color | | | | | | |

Notes:

- 1 Not available with EM option or with SCP, NXWS16F sensor options.
- 2 WG, FTD, and WTD come with a diffused lens
- 3 Not available with other control options
- 4 Input voltage 120-347V
- 5 Not available in 480V
- 6 Turtle friendly
- 8 Consult factory for custom color, marine and corrosive finish options
- 9 SCPREMOTE SCP configuration tool needed

Microsoft, Encarta, MSN, and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

SPECIFICATIONS (CONTINUED)

ELECTRICAL (CONTINUED)

- Optional factory programmed dimming profile.
- Surge protection: 10,000k in parallel, 20,000k in series.
- Wiring: No. 18AWM rated 90°C, wet rating.

DIMMING

- Dimming range from 100% to 10% through the use of the standard 0-10V interface on the programmable driver.



- Modular wiring harness in the service area provides user access to the dimming circuitry.
- Dimming circuitry compatible with 0-10V, user-defined control devices.
- Optional factory programmed dimming profile.

BUTTON PHOTOCELL

- Optional universal voltage (120-277V) button photocontrol for dusk to dawn energy savings. Photocontrol is factory installed inside the housing with a fully gasketed sensor on the side wall. For multiple fixture mountings, one fixture is supplied with a photocell to operate the others.

NX LIGHTING CONTROLS

- NX lighting controls platform utilizes a Distributed Network Architecture (DNA) that connects intelligent devices including luminaires, controllers, panels, occupancy sensors, photocells, wall switches and dimmers, creating a system with an unmatched level of reliability, scalability and simplicity

OPTIONAL FUSING:

- SF for 120, 277, and 347 Line volts
- DF for 208, 240, and 480 Line volts
- High temperature fuse holders factory installed inside the fixture housing.
- Fuse is included.

OPTIONAL BACKUP BATTERY

- Integral battery backup provides emergency path of egress lighting for the required 90 minutes for 0°C ambient environments.

CAUTION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

CERTIFICATIONS AND LISTINGS

- Listed to UL1598 and CSA C22.2#250.0-

24 for wet locations and 40°C ambient temperatures

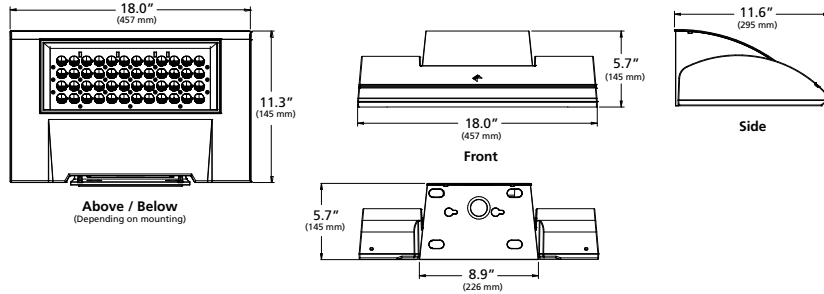
- IEC 66262 Mechanical Impact Code IK08
- IP66 certified
- RoHS compliant
- This product qualifies as a “designated country construction material” per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 6/06/2020. See Buy American Solutions.

WARRANTY

- 5 year warranty

WDM
WALL MOUNTED

DIMENSIONS



Weight: 35 lbs

| CRI Lumen Multiplier | | | Amber Multiplier | |
|----------------------|--------|--------|------------------|------------|
| CCT | 80 CRI | 90 CRI | CCT | Multiplier |
| 3000K | 0.9119 | 0.7033 | 5000K | 1 |
| 4000K | 0.8941 | N/A | AM | 0.1727 |

DELIVERED LUMENS

| LEDs # | Drive Current | Lumens Package | Nominal Watts | Lens Options | Distribution | 3000K 70CRI | | | | 4000K 70CRI | | | | 5000K 70CRI | | | | | | | |
|----------|---------------|----------------|---------------|--------------|--------------|-------------|------------|---|-----|-------------|-------|------------|---|-------------|------|-------|------------|---|-----|------|-----|
| | | | | | | Lumen | BUG Rating | | | lm/w | Lumen | BUG Rating | | | lm/w | Lumen | BUG Rating | | | lm/w | |
| | | | | | | | B | U | G | | | B | U | G | | | B | U | G | | |
| 48L | 350mA | 6,000 | 55 | Clear | 1 | 7162 | 1 | 0 | 1 | 132 | 7342 | 1 | 0 | 1 | 135 | 7426 | 1 | 0 | 1 | 137 | |
| | | | | | 2 | 6782 | 1 | 0 | 1 | 125 | 6953 | 1 | 0 | 1 | 128 | 7032 | 1 | 0 | 1 | 130 | |
| | | | | | 3 | 6896 | 1 | 0 | 2 | 127 | 7070 | 1 | 0 | 2 | 130 | 7151 | 1 | 0 | 2 | 132 | |
| | | | | | 4F | 6766 | 1 | 0 | 2 | 125 | 6937 | 1 | 0 | 2 | 128 | 7016 | 1 | 0 | 2 | 129 | |
| | | | | | 4W | 6802 | 1 | 0 | 2 | 125 | 6973 | 1 | 0 | 2 | 128 | 7053 | 1 | 0 | 2 | 130 | |
| | | | | | SP | 7594 | 4 | 0 | 1 | 140 | 7785 | 4 | 0 | 1 | 143 | 7874 | 4 | 0 | 1 | 145 | |
| | | | | | Diffused | WG | 6576 | 3 | 0 | 1 | 121 | 6741 | 3 | 0 | 1 | 124 | 6818 | 3 | 0 | 1 | 126 |
| | | | | | | FTD | 5950 | 2 | 0 | 1 | 110 | 6100 | 2 | 0 | 1 | 112 | 6170 | 2 | 0 | 1 | 114 |
| | WTD | 6439 | 2 | 0 | 1 | 119 | 6601 | 2 | 0 | 1 | 122 | 6677 | 2 | 0 | 1 | 123 | | | | | |
| | 425mA | 8,000 | 65 | Clear | 1 | 8775 | 1 | 0 | 1 | 129 | 8996 | 1 | 0 | 1 | 132 | 9099 | 1 | 0 | 1 | 134 | |
| | | | | | 2 | 8309 | 1 | 0 | 2 | 122 | 8518 | 1 | 0 | 2 | 125 | 8616 | 1 | 0 | 2 | 127 | |
| | | | | | 3 | 8450 | 1 | 0 | 2 | 124 | 8662 | 1 | 0 | 2 | 127 | 8761 | 1 | 0 | 2 | 129 | |
| | | | | | 4F | 8290 | 1 | 0 | 2 | 122 | 8499 | 1 | 0 | 2 | 125 | 8596 | 1 | 0 | 2 | 126 | |
| | | | | | 4W | 8334 | 1 | 0 | 2 | 123 | 8544 | 1 | 0 | 2 | 126 | 8641 | 1 | 0 | 2 | 127 | |
| SP | | | | | 9304 | 4 | 0 | 1 | 137 | 9538 | 4 | 0 | 1 | 140 | 9647 | 4 | 0 | 1 | 142 | | |
| Diffused | | | | | WG | 8057 | 3 | 0 | 1 | 118 | 8260 | 3 | 0 | 1 | 121 | 8354 | 3 | 0 | 1 | 123 | |
| | | | | | FTD | 7290 | 2 | 0 | 2 | 107 | 7474 | 2 | 0 | 2 | 110 | 7559 | 2 | 0 | 2 | 111 | |
| WTD | 7890 | 2 | 0 | 1 | 116 | 8088 | 2 | 0 | 1 | 119 | 8181 | 2 | 0 | 1 | 120 | | | | | | |

DELIVERED LUMENS (CONTINUED)

| LEDs # | Drive Current | Lumens Package | Nominal Watts | Lens Options | Distribution | 3000K 70CRI | | | | 4000K 70CRI | | | | 5000K 70CRI | | | | | | |
|----------|---------------|----------------|---------------|--------------|--------------|-------------|------------|---|-----|-------------|-------|------------|---|-------------|-------|-------|------------|---|-----|------|
| | | | | | | Lumen | BUG Rating | | | lm/w | Lumen | BUG Rating | | | lm/w | Lumen | BUG Rating | | | lm/w |
| | | | | | | | B | U | G | | | B | U | G | | | B | U | G | |
| 48L | 550mA | 10,000 | 85 | Clear | 1 | 11194 | 1 | 0 | 1 | 127 | 11476 | 1 | 0 | 1 | 130 | 11607 | 1 | 0 | 1 | 132 |
| | | | | | 2 | 10601 | 2 | 0 | 2 | 120 | 10867 | 2 | 0 | 2 | 123 | 10991 | 2 | 0 | 2 | 125 |
| | | | | | 3 | 10779 | 1 | 0 | 2 | 122 | 11050 | 1 | 0 | 2 | 126 | 11177 | 1 | 0 | 2 | 127 |
| | | | | | 4F | 10576 | 1 | 0 | 2 | 120 | 10842 | 1 | 0 | 2 | 123 | 10966 | 1 | 0 | 2 | 125 |
| | | | | | 4W | 10632 | 1 | 0 | 2 | 121 | 10899 | 2 | 0 | 2 | 124 | 11024 | 2 | 0 | 2 | 125 |
| | | | | | SP | 11870 | 5 | 0 | 1 | 135 | 12168 | 5 | 0 | 1 | 138 | 12308 | 5 | 0 | 1 | 140 |
| | | | | Diffused | WG | 10279 | 3 | 0 | 1 | 117 | 10537 | 3 | 0 | 1 | 120 | 10658 | 3 | 0 | 1 | 121 |
| | | | | | FTD | 9300 | 2 | 0 | 2 | 106 | 9534 | 2 | 0 | 2 | 108 | 9643 | 2 | 0 | 2 | 110 |
| | | | | | WTD | 10065 | 2 | 0 | 2 | 114 | 10318 | 2 | 0 | 2 | 117 | 10436 | 2 | 0 | 2 | 119 |
| | 650mA | 12,000 | 105 | Clear | 1 | 12808 | 1 | 0 | 1 | 124 | 13130 | 1 | 0 | 1 | 127 | 13280 | 1 | 0 | 1 | 128 |
| | | | | | 2 | 12128 | 2 | 0 | 2 | 117 | 12433 | 2 | 0 | 2 | 120 | 12575 | 2 | 0 | 2 | 121 |
| | | | | | 3 | 12333 | 1 | 0 | 2 | 119 | 12643 | 2 | 0 | 2 | 122 | 12787 | 2 | 0 | 2 | 123 |
| | | | | | 4F | 12100 | 2 | 0 | 2 | 117 | 12405 | 2 | 0 | 2 | 120 | 12547 | 2 | 0 | 2 | 121 |
| | | | | | 4W | 12163 | 2 | 0 | 3 | 117 | 12469 | 2 | 0 | 3 | 120 | 12612 | 2 | 0 | 3 | 122 |
| | | | | | SP | 13580 | 5 | 0 | 1 | 131 | 13922 | 5 | 0 | 1 | 134 | 14081 | 5 | 0 | 1 | 136 |
| | | | | Diffused | WG | 11760 | 3 | 0 | 1 | 113 | 12056 | 3 | 0 | 1 | 116 | 12193 | 3 | 0 | 1 | 118 |
| | | | | | FTD | 10641 | 2 | 0 | 2 | 103 | 10908 | 2 | 0 | 2 | 105 | 11033 | 3 | 0 | 2 | 106 |
| | | | | | WTD | 11515 | 2 | 0 | 2 | 111 | 11805 | 2 | 0 | 2 | 114 | 11940 | 2 | 0 | 2 | 115 |
| | 800mA | 14,000 | 130 | Clear | 1 | 15227 | 2 | 0 | 1 | 117 | 15610 | 2 | 0 | 1 | 120 | 15789 | 2 | 0 | 1 | 121 |
| | | | | | 2 | 14419 | 2 | 0 | 2 | 110 | 14782 | 2 | 0 | 2 | 113 | 14951 | 2 | 0 | 2 | 114 |
| | | | | | 3 | 14662 | 2 | 0 | 3 | 112 | 15031 | 2 | 0 | 3 | 115 | 15203 | 2 | 0 | 3 | 116 |
| 4F | | | | | 14386 | 2 | 0 | 2 | 110 | 14748 | 2 | 0 | 3 | 113 | 14917 | 2 | 0 | 3 | 114 | |
| 4W | | | | | 14462 | 2 | 0 | 3 | 111 | 14826 | 2 | 0 | 3 | 114 | 14995 | 2 | 0 | 3 | 115 | |
| SP | | | | | 16146 | 5 | 0 | 1 | 124 | 16552 | 5 | 0 | 1 | 127 | 16741 | 5 | 0 | 1 | 128 | |
| Diffused | | | | WG | 13981 | 3 | 0 | 2 | 107 | 14333 | 3 | 0 | 2 | 110 | 14497 | 3 | 0 | 2 | 111 | |
| | | | | FTD | 12651 | 3 | 0 | 2 | 97 | 12969 | 3 | 0 | 2 | 99 | 13117 | 3 | 0 | 2 | 100 | |
| | | | | WTD | 13691 | 3 | 0 | 2 | 105 | 14035 | 3 | 0 | 2 | 107 | 14196 | 3 | 0 | 2 | 109 | |

WDM

WALL MOUNTED

PHOTOMETRY

WDM-D-48L-130-4K7-1

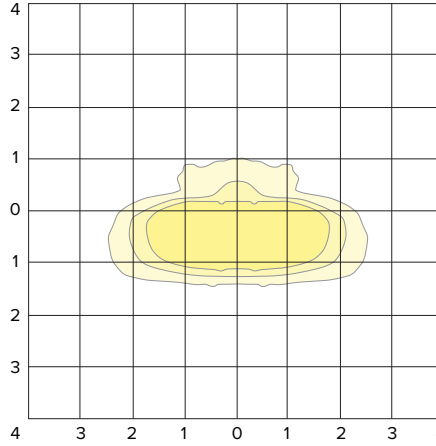
LUMINAIRE DATA

| | |
|------------------|---------------------|
| Description | 4000K, 70CRI |
| Delivered Lumens | 15610 |
| Watts | 131 |
| Efficacy | 119.2 |
| IES Type | I |
| BUG Rating | B2-U0-G1 |
| Mounting Height | 30 ft |
| Grid Scale | 30 ft |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 13607 | 87.2% |
| Downward House Side | 2003 | 12.8% |
| Downward Total | 15610 | 100% |
| Upward Street Side | 0 | 0% |
| Upward House Side | 0 | 0% |
| Upward Total | 0 | 0% |
| Total Flux | 15610 | 100% |

ISOFOOT CANDLE PLOT



WDM-D-48L-130-4K7-2

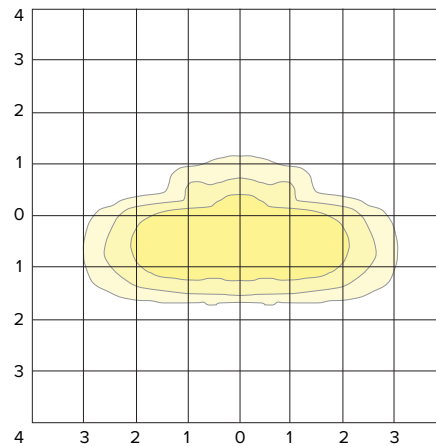
LUMINAIRE DATA

| | |
|------------------|---------------------|
| Description | 4000K, 70CRI |
| Delivered Lumens | 14782 |
| Watts | 131 |
| Efficacy | 112.8 |
| IES Type | II |
| BUG Rating | B2-U0-G2 |
| Mounting Height | 30 ft |
| Grid Scale | 30 ft |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 11861 | 80.2% |
| Downward House Side | 2921 | 19.8% |
| Downward Total | 14782 | 100% |
| Upward Street Side | 0 | 0% |
| Upward House Side | 0 | 0% |
| Upward Total | 0 | 0% |
| Total Flux | 14782 | 100% |

ISOFOOT CANDLE PLOT



WDM-D-48L-130-4K7-3

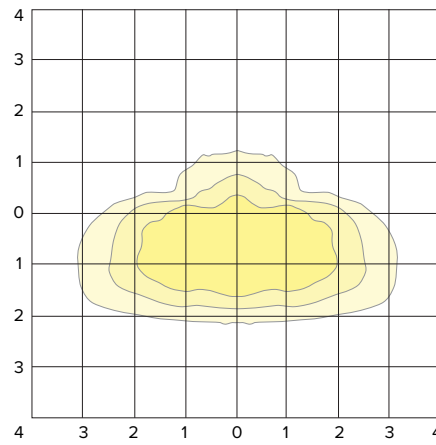
LUMINAIRE DATA

| | |
|------------------|---------------------|
| Description | 4000K, 70CRI |
| Delivered Lumens | 15031 |
| Watts | 131 |
| Efficacy | 114.7 |
| IES Type | III |
| BUG Rating | B2-U0-G2 |
| Mounting Height | 30 ft |
| Grid Scale | 30 ft |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 12414 | 82.6% |
| Downward House Side | 2617 | 17.4% |
| Downward Total | 15031 | 100% |
| Upward Street Side | 0 | 0% |
| Upward House Side | 0 | 0% |
| Upward Total | 0 | 0% |
| Total Flux | 15031 | 100% |

ISOFOOT CANDLE PLOT



WDM

WALL MOUNTED

PHOTOMETRY

WDM-D-48L-130-4K7-4F

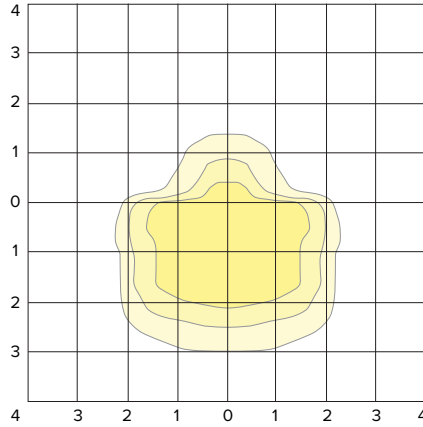
LUMINAIRE DATA

| | |
|------------------|--------------|
| Description | 4000K, 70CRI |
| Delivered Lumens | 14747 |
| Watts | 131 |
| Efficacy | 112.6 |
| IES Type | IV |
| BUG Rating | B2-U0-G3 |
| Mounting Height | 30 ft |
| Grid Scale | 30 ft |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 12444 | 84.4% |
| Downward House Side | 2303 | 15.6% |
| Downward Total | 14747 | 100% |
| Upward Street Side | 0 | 0% |
| Upward House Side | 0 | 0% |
| Upward Total | 0 | 0% |
| Total Flux | 14747 | 100% |

ISOFOOT CANDLE PLOT



WDM-D-48L-130-4K7-4W

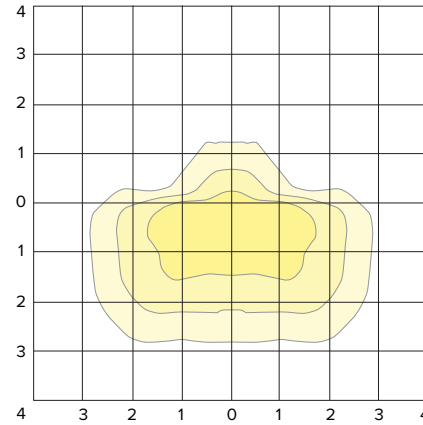
LUMINAIRE DATA

| | |
|------------------|--------------|
| Description | 4000K, 70CRI |
| Delivered Lumens | 14826 |
| Watts | 131 |
| Efficacy | 113.2 |
| IES Type | IV |
| BUG Rating | B2-U0-G3 |
| Mounting Height | 30 ft |
| Grid Scale | 30 ft |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 12625 | 85.2% |
| Downward House Side | 2201 | 14.8% |
| Downward Total | 14826 | 100% |
| Upward Street Side | 0 | 0% |
| Upward House Side | 0 | 0% |
| Upward Total | 0 | 0% |
| Total Flux | 14826 | 100% |

ISOFOOT CANDLE PLOT



WDM-D-48L-130-4K7-FTD

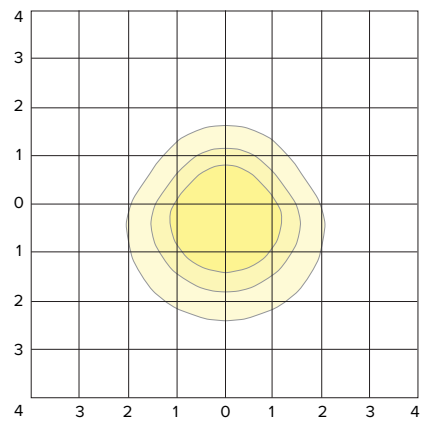
LUMINAIRE DATA

| | |
|------------------|--------------|
| Description | 4000K, 70CRI |
| Delivered Lumens | 12968 |
| Watts | 131 |
| Efficacy | 99.0 |
| IES Type | IV |
| BUG Rating | B3-U0-G2 |
| Mounting Height | 30 ft |
| Grid Scale | 30 ft |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 8709 | 67.2% |
| Downward House Side | 4259 | 32.8% |
| Downward Total | 12968 | 100% |
| Upward Street Side | 0 | 0% |
| Upward House Side | 0 | 0% |
| Upward Total | 0 | 0% |
| Total Flux | 12968 | 100% |

ISOFOOT CANDLE PLOT



WDM

WALL MOUNTED

PHOTOMETRY

WDM-D-48L-130-4K7-SP

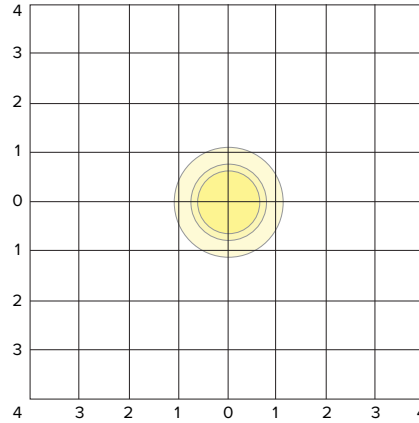
LUMINAIRE DATA

| | |
|------------------|--------------|
| Description | 4000K, 70CRI |
| Delivered Lumens | 16550 |
| Watts | 131 |
| Efficacy | 126.3 |
| IES Type | VS |
| BUG Rating | B5-U0-G1 |
| Mounting Height | 30 ft |
| Grid Scale | 30 ft |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 8275 | 50.0% |
| Downward House Side | 8275 | 50.0% |
| Downward Total | 16550 | 100% |
| Upward Street Side | 0 | 0% |
| Upward House Side | 0 | 0% |
| Upward Total | 0 | 0% |
| Total Flux | 16550 | 100% |

ISOFOOT CANDLE PLOT



WDM-D-48L-130-4K7-WG

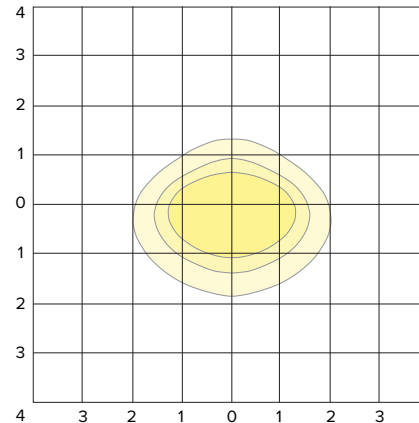
LUMINAIRE DATA

| | |
|------------------|--------------|
| Description | 4000K, 70CRI |
| Delivered Lumens | 14333 |
| Watts | 131 |
| Efficacy | 109.4 |
| IES Type | I |
| BUG Rating | B3-U0-G2 |
| Mounting Height | 30 ft |
| Grid Scale | 30 ft |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 9242 | 64.5% |
| Downward House Side | 5091 | 35.5% |
| Downward Total | 14333 | 100% |
| Upward Street Side | 0 | 0% |
| Upward House Side | 0 | 0% |
| Upward Total | 0 | 0% |
| Total Flux | 14333 | 100% |

ISOFOOT CANDLE PLOT



WDM-D-48L-130-4K7-WTD

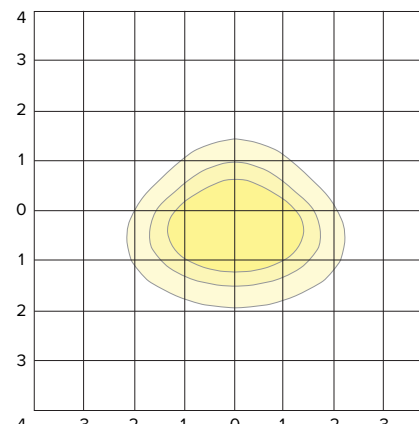
LUMINAIRE DATA

| | |
|------------------|--------------|
| Description | 4000K, 70CRI |
| Delivered Lumens | 14034 |
| Watts | 131 |
| Efficacy | 107.1 |
| IES Type | II |
| BUG Rating | B3-U0-G2 |
| Mounting Height | 30 ft |
| Grid Scale | 30 ft |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 10105 | 72.0% |
| Downward House Side | 3929 | 28.0% |
| Downward Total | 14034 | 100% |
| Upward Street Side | 0 | 0% |
| Upward House Side | 0 | 0% |
| Upward Total | 0 | 0% |
| Total Flux | 14034 | 100% |

ISOFOOT CANDLE PLOT

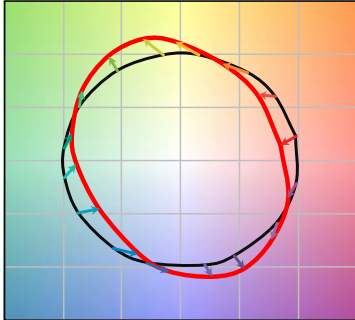


WDM

WALL MOUNTED

TM-30 DATA

COLOR VECTOR GRAPHIC

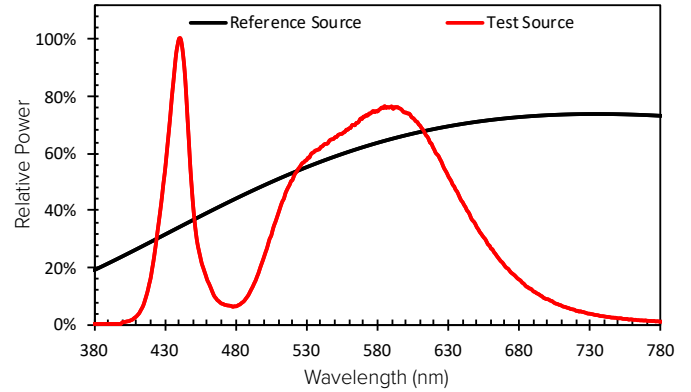


— Reference Illuminant — Test Source

TEST SOURCE

| | |
|--------------------|--------|
| R _f | 68 |
| R _a | 99 |
| CCT(K) | 3947 |
| D _{uv} | 0.0004 |
| x | 0.3831 |
| y | 0.3793 |
| CIE R _a | 72 |

SPECTRAL POWER DISTRIBUTION COMPARISON



ELECTRICAL DATA

| Drive Current | System Watts | Line Voltage | | Amps AC | | | | | | Min. Power Factor | Max THD (%) | Dimming Range | Dimming | | | |
|---------------|--------------|--------------|-------|-----------------------------|------|-------------------------------------|------|------|------|-------------------|-------------|---------------|---------|-----|-----|-----|
| | | | | Source current out of 0-10V | | Absolute voltage range on 0-10V (+) | | | | | | | | | | |
| | | VAC | Hz | 120 | 208 | 240 | 277 | 347 | 480 | | | | Min | Max | Min | Max |
| 350mA | 54 | 120-480 | 50/60 | 0.45 | 0.26 | 0.23 | 0.19 | 0.16 | 0.11 | >0.9 | 20 | 10% to 100% | 0mA | 1mA | 0V | 10V |
| 425mA | 68 | | | 0.53 | 0.31 | 0.27 | 0.23 | 0.18 | 0.13 | | | | | | | |
| 550mA | 88 | | | 0.70 | 0.40 | 0.35 | 0.30 | 0.24 | 0.18 | | | | | | | |
| 650mA | 104 | | | 0.84 | 0.49 | 0.42 | 0.36 | 0.29 | 0.21 | | | | | | | |
| 800mA | 131 | | | 1.09 | 0.63 | 0.55 | 0.47 | 0.38 | 0.27 | | | | | | | |

| TM-21 Lifetime Calculation - Projected Lumen Maintenance (25°C / 77°C) | | | | | | |
|--|------|--------|--------|--------|---------|--------------|
| Ambient Temp. | 0 | 25,000 | 36,000 | 50,000 | 100,000 | Reported L70 |
| 25°C / 77°F | 100% | 97% | 96% | 94% | 88% | 60khrs |
| 40°C / 104°F | 100% | 94% | 92% | 90% | 82% | |

| CRI Lumen Multiplier | | | |
|----------------------|--------|--------|--------|
| CCT | 70 CRI | 80 CRI | 90 CRI |
| 3000K | 1 | 0.9119 | 0.7033 |
| 4000K | 1 | 0.8941 | 0.734 |
| 5000K | 1 | 0.879 | 0.7712 |

| Amber Multiplier | |
|------------------|------------|
| CCT | Multiplier |
| 5000K | 1 |
| AM | 0.1727 |

| 2700K Multiplier | |
|------------------|------------|
| CCT | Multiplier |
| 5000K | 1 |
| 2700K | 0.897 |