

## FEATURES

- Uninterrupted ribbon of light; row mounting optional
- Long life 60,000 hour LEDs at L80 for reduced maintenance
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Available in 2', 4' or 8' lengths
- Optional integral emergency battery pack
- Three lens options as well as less lens (NL)
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount or suspended



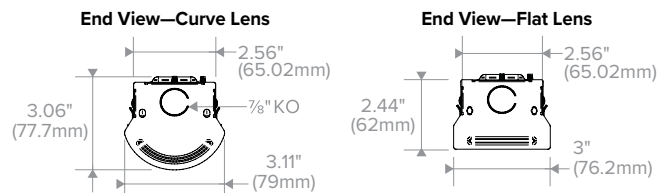
See Certification Specifications

## CONTROLS TECHNOLOGY



## RELATED PRODUCTS

- [Revalume™ Linear Wrap](#) [Reverie™ Decorative Low Bay](#)



## 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 acrylic lens

### INSTALLATION

- Knockouts are provided for electrical access and mounting

### 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

### CONTROLS

- Optional SpectraSync™ offers two modes of Tunable White solutions and integrates seamlessly into a variety of control systems
- NX Distributed Intelligence™ provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments

### TECHNOLOGY

- SpectraSAFE™ is a scalable, cloud-enabled and lighting-based wireless video security solution for interior commercial and industrial applications

### CERTIFICATIONS

- IC label is standard for recessed products
- All luminaires are built to UL 1598 and 2108 standards, and bear appropriate cCSAus labels
- Damp Location label standard
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options

### CERTIFICATIONS (CONTINUED)

- 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 page 10 for wiring diagram. [Link to Dimming Bypass Module Specification sheet](#)
- This product qualifies as a “designated country construction material” per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 06/01/2020. [See Buy American Solutions](#)

### WARRANTY

- 5 year warranty
- See [HLI Standard Warranty](#) for additional information

| KEY DATA              |             |
|-----------------------|-------------|
| Lumen Range           | 1600–16,732 |
| Wattage Range         | 13–113      |
| Efficacy Range (LPW)  | 128–155     |
| Reported Life (Hours) | L80/60,000  |

## ORDERING GUIDE

Example: MPS4-40ML-CW-EDU

CATALOG #

| MPS                           |                   |    |       |     |            |                                                     |                |                                 |      |                              |                           |                                  |        |                                                                                             |
|-------------------------------|-------------------|----|-------|-----|------------|-----------------------------------------------------|----------------|---------------------------------|------|------------------------------|---------------------------|----------------------------------|--------|---------------------------------------------------------------------------------------------|
| Model                         | Size <sup>1</sup> |    | CRI   |     | Color Temp |                                                     | Nominal Lumens |                                 | Lens |                              | Distribution <sup>3</sup> |                                  | Driver |                                                                                             |
| MPS<br>MultiPurpose<br>Linear | 2                 | 2' | Blank | >80 | 30         | 3000K                                               | XW             | 4' (2600), 8' (5200)            | C    | Curve, Frosted Acrylic       | N                         | Narrow Distribution <sup>4</sup> | E      | Fixed Output                                                                                |
|                               | 4                 | 4' | 9     | 90  | 35         | 3500K                                               | VW             | 2'(1600), 4'(3300), 8' (6600)   | F    | Flat, Frosted Acrylic        | W                         | Wide Distribution                | ED     | 0-10V Dimming                                                                               |
|                               | 8                 | 8' |       |     | 40         | 4000K                                               | MW             | 2'(2200), 4'(3600), 8' (7200)   | NL   | Less Lens                    |                           |                                  | ED1    | 0-10V 1% Dimming                                                                            |
|                               |                   |    |       |     | 50         | 5000K                                               | LW             | 2'(2400), 4'(4000), 8' (7900)   | CP   | Curve, Frosted Polycarbonate |                           |                                  | EDD    | 0-10V Dim-to-Dark                                                                           |
|                               |                   |    |       |     | 2750T      | 2700K–5000K SpectraSync™ Tunable White <sup>2</sup> | ML             | 2'(3400), 4'(4500), 8' (8900)   |      |                              |                           |                                  | ESD    | Step Dimming                                                                                |
|                               |                   |    |       |     |            |                                                     | HL             | 2'(3700), 4'(5800), 8' (11,500) |      |                              |                           |                                  | LUTH   | Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology <sup>5</sup> |
|                               |                   |    |       |     | 2765T      | 2700K–6500K SpectraSync™ Tunable White <sup>2</sup> | VL             | 4' (6800), 8' (13,500)          |      |                              |                           |                                  |        |                                                                                             |
|                               |                   |    |       |     |            |                                                     | XL             | 4' (7,800), 8' (15,500)         |      |                              |                           |                                  | DALIP  | DALI Power Bus <sup>6</sup>                                                                 |

| Voltage                    | Options                                                                                                                               | Control Options <sup>22, 23, 24</sup>                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| U 120V-277V                | ELL14 Emergency Battery Pack, 10W <sup>7, 8, 9</sup>                                                                                  | <b><u>NX / BTSMP Standalone</u></b>                                                                                   |
| 347 347V (E, ED, ED1 only) | ELL14H2 Emergency Battery Pack, 2-Hour Run Time <sup>7, 8, 9, 10</sup>                                                                | NXS NX, PIR BT Occupancy/Daylight Sensor, Slide Mount <sup>25, 26</sup>                                               |
|                            | GLR Fast Blow Fuse                                                                                                                    | BTSL BTSMP-LMI, PIR BT Occupancy/Daylight <sup>25, 26</sup>                                                           |
|                            | GTD Generator Transfer Device <sup>11</sup>                                                                                           | <b><u>NX Networked – Wired</u></b>                                                                                    |
|                            | DTS Dimming Bypass Module <sup>12</sup>                                                                                               | NXE NX, Dual SmartPORTs <sup>25, 26, 27</sup>                                                                         |
|                            | MPSCE Injection Molded ABS Material Curve Endcap <sup>22</sup>                                                                        | NXES NX, PIR BT Occupancy/Daylight Sensor, Slide Mount, Dual SmartPORTs <sup>25, 26, 27</sup>                         |
|                            | MPSCE-MB Injection Molded ABS Material Curve Endcap, Matte Black                                                                      | <b><u>NX Networked – Wireless</u></b>                                                                                 |
|                            | MPSFE Injection Molded ABS Material Flat Endcap <sup>22</sup>                                                                         | NXSW NX Wireless, PIR BT Occupancy/Daylight Sensor <sup>25, 26</sup>                                                  |
|                            | MPSFE-MB Injection Molded ABS Material Flat Endcap, Matte Black                                                                       | NXWE NX Wireless Enabled <sup>25, 26</sup>                                                                            |
|                            | MB Matte Black                                                                                                                        | <b><u>Third-Party Control Options</u></b>                                                                             |
|                            | ZT ZET Metallic Silver                                                                                                                | ODPG Occupancy and Daylight Sensors w/ Grouping, Philips SNS200 <sup>28, 29</sup>                                     |
|                            | PAF Painted After Fabrication                                                                                                         | LVR Lutron Vive Integral Fixture Control DFCSJ-OEM-RF (RF only) <sup>28, 29, 30</sup>                                 |
|                            | SAF SpectraSAFE™ Integrated Surveillance Lighting System <sup>13</sup>                                                                | LVS Lutron Vive Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing) <sup>28, 29, 30</sup> |
|                            | MST MASTER fixture that controls one or more SATELLITE fixtures in a continuous row application <sup>14, 15, 16, 17, 18, 19, 20</sup> |                                                                                                                       |
|                            | SAT SATELLITE fixture controlled by MASTER fixture in a continuous row application <sup>15, 16, 17, 18, 19, 20</sup>                  |                                                                                                                       |
|                            | INT Intermediate (provides ends with wiring access for continuous row mounting) <sup>17, 19, 20, 21</sup>                             |                                                                                                                       |
|                            | EOR End of Row (provides end wiring access for continuous row mounting) <sup>17, 19, 20, 21</sup>                                     |                                                                                                                       |

## Accessories

|                                       |                                                                           |                                   |                                                         |
|---------------------------------------|---------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> S18          | 18" Stem, Canopy                                                          | <input type="checkbox"/> MPSCRK-C | Continuous Row Kit, Curve                               |
| <input type="checkbox"/> SS18         | 18" Swivel Stem—45° Swivel                                                | <input type="checkbox"/> MPSCRK-F | Continuous Row Kit, Flat                                |
| <input type="checkbox"/> CM24SCF3-KIT | 24" Adjustable Cable Mounting Kit, 3-wire feed <sup>31</sup>              | <input type="checkbox"/> MPSWG2   | 2' Wire Guard                                           |
| <input type="checkbox"/> CM48SCF3-KIT | 48" Adjustable Cable Mounting Kit, 3-wire feed <sup>31</sup>              | <input type="checkbox"/> MPSWG4   | 4' Wire Guard, two Required for 8' Fixture              |
| <input type="checkbox"/> CM24NF-KIT   | Single Point Non-Feed Cable Mount with Canopy, Single - 24" <sup>31</sup> | <input type="checkbox"/> MPSCE    | Injection Molded ABS Material Curve Endcap              |
| <input type="checkbox"/> CM48NF-KIT   | Single Point Non-Feed Cable Mount with Canopy, Single - 48" <sup>31</sup> | <input type="checkbox"/> MPSCE-MB | Injection Molded ABS Material Curve Endcap, Matte Black |
| <input type="checkbox"/> CSHC         | Chain Hanger Assembly                                                     | <input type="checkbox"/> MPSFE    | Injection Molded ABS Material Flat Endcap               |
| <input type="checkbox"/> MPSZT        | Zip Tee Hanger - 1 1/2" Spacer on T-Bar Ceiling                           | <input type="checkbox"/> MPSFE-MB | Injection Molded ABS Material Flat Endcap, Matte Black  |
| <input type="checkbox"/> MPSTH        | Slide Tong Hanger                                                         |                                   |                                                         |

- Notes:
- For continuous row mounting, see [Continuous Row Mount Example Guide](#) on page 3
  - See [SpectraSync and NX Availability Table](#) on page 6
  - Applicable to lens only
  - Only available with Curve, Frosted Acrylic lens
  - Not available in VL or XL packages
  - DALIP only available when LVS, LVR or ODPG control options are selected
  - Delivered Emergency Lumens = ELL14 = 1210 lms
  - Not available in 2ft size or with thru wire on XL 4ft and 8ft
  - Emergency battery pack max ambient temperature: 25°C
  - Not available for use in Canada
  - Only available with fixed output driver
  - For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. Not available with ESD driver option. Universal voltage only. DTS with 2' cannot be combined with Controls or SpectraSync options. See page 10 for wiring diagram
  - SpectraSync+NX+SAF can not be configured. Only available with NXE or NXWE. Not available in 347V
  - Continuous-Row Options:**
  - MST option not available with INT row position
  - Multiple SAT fixtures can be controlled by one MST fixture. Any one SAT fixture can have no more than one connected MST fixture
  - NX is supported for this application, consult Brand for use with other controls systems
  - Not available with DTS, GTD, ATSD
  - Not available with LUTH
  - All fixtures in a row must be the same driver type and voltage
  - Includes quick-connect wiring harness
  - Suspension support required at every fixture coupling; see Mounting Accessories Guide
  - NX In-Fixture Control Options:**
  - Standard PAF when this option is chosen
  - Control Options include Injection Molded ABS End Cap
  - Fixtures with Control Options are Dry Location rated only
  - Only available with 0-10V dimming drivers (ED, ED1 & EDD)
  - Not available in 2ft when SpectraSync and SpectraSAFE are chosen
  - Not available with surface mounting
  - Third-Party Control Options:**
  - LVS, LVR and ODPG only available with DALIP driver option
  - Not available with SpectraSync (2750T or 2765T)
  - VIVE is a trademark of Lutron Electronics Co., Inc
  - Accessory Notes:**
  - See [Columbia Mounting Accessories page](#) for additional options

## ORDERING GUIDE (CONTINUED)

| 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          |

[Link to Columbia Mounting Accessories page](#)

## PRODUCT EXCEPTIONS & DETAILS

Driver options listed below are available for the outputs as shown.

| DRIVER AVAILABILITY TABLE — 2' |    |    |    |    |    |
|--------------------------------|----|----|----|----|----|
|                                | VW | MW | LW | ML | HL |
| E                              | x  | x  | x  | x  | x  |
| ED                             | x  | x  | x  | x  | x  |
| ED1                            | x  | x  | x  | x  | x  |
| EDD                            | x  | x  | x  | x  | x  |
| ESD                            | x  | x  | x  | x  | x  |
| LUTH                           | x  | x  | x  | x  | x  |
| 347                            | x  | x  | x  | x  | x  |
| DALIP                          | x  | x  | x  | x  | x  |

| DRIVER AVAILABILITY TABLE — 4' & 8' |    |    |    |    |    |    |    |    |
|-------------------------------------|----|----|----|----|----|----|----|----|
|                                     | XW | VW | MW | LW | ML | HL | VL | XL |
| E                                   | x  | x  | x  | x  | x  | x  | x  | x  |
| ED                                  | x  | x  | x  | x  | x  | x  | x  | x  |
| ED1                                 | x  | x  | x  | x  | x  | x  | x  | x  |
| EDD                                 | x  | x  | x  | x  | x  | x  | x  | x  |
| ESD                                 | x  | x  | x  | x  | x  | x  | x  | x  |
| 347                                 | x  | x  | x  | x  | x  | x  | x  | x  |
| LUTH                                | x  | x  | x  | x  | x  | x  |    |    |
| DALIP                               | x  | x  | x  | x  | x  | x  | x  | x  |

| TEMPERATURE TABLE (C°) — 4' & 8' |               |                              |                      |                              |                      |                              |                      |                              |                      |                              |                      |
|----------------------------------|---------------|------------------------------|----------------------|------------------------------|----------------------|------------------------------|----------------------|------------------------------|----------------------|------------------------------|----------------------|
|                                  |               | 80 CRI                       |                      |                              |                      |                              |                      |                              |                      |                              |                      |
|                                  |               | E/ED/ED1                     |                      | ESDU                         |                      | ED347                        |                      | EDD                          |                      | LUT                          |                      |
| Size                             | Lumen Package | Ceiling/<br>Surface<br>Mount | Pendant/<br>TH Mount | Ceiling/<br>Surface<br>Mount | Pendant/<br>TH Mount | Ceiling/<br>Surface<br>Mount | Pendant/<br>TH Mount | Ceiling/<br>Surface<br>Mount | Pendant/<br>TH Mount | Ceiling/<br>Surface<br>Mount | Pendant/<br>TH Mount |
| 2'                               | VW            | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   |
|                                  | MW            | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   |
|                                  | LW            | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   |
|                                  | ML            | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   |
|                                  | HL            | 30                           | 35                   | 30                           | 35                   | 30                           | 35                   | 30                           | 35                   | 30                           | 35                   |
|                                  | XW            | 35                           | 45                   | 35                           | 45                   | 35                           | 45                   | 30                           | 35                   | 30                           | 35                   |
| 4'                               | VW            | 35                           | 45                   | 35                           | 45                   | 35                           | 45                   | 30                           | 35                   | 30                           | 35                   |
|                                  | MW            | 35                           | 45                   | 35                           | 45                   | 35                           | 45                   | 30                           | 35                   | 30                           | 35                   |
|                                  | LW            | 35                           | 45                   | 35                           | 45                   | 35                           | 45                   | 30                           | 35                   | 30                           | 35                   |
|                                  | ML            | 35                           | 45                   | 35                           | 45                   | 35                           | 45                   | 30                           | 35                   | 30                           | 35                   |
|                                  | HL            | 35                           | 40                   | 35                           | 40                   | 35                           | 40                   | 25                           | 30                   | 30                           | 35                   |
|                                  | VL            | 30                           | 30                   | 30                           | 30                   | 30                           | 30                   | 30                           | 30                   | —                            | —                    |
| 8'                               | XL*           | 25                           | 25                   | 25                           | 25                   | 25                           | 25                   | 25                           | 25                   | —                            | —                    |
|                                  | XW            | 35                           | 45                   | 35                           | 45                   | 35                           | 45                   | 30                           | 35                   | 30                           | 35                   |
|                                  | VW            | 35                           | 45                   | 35                           | 45                   | 35                           | 45                   | 30                           | 35                   | 30                           | 35                   |
|                                  | MW            | 35                           | 45                   | 35                           | 45                   | 35                           | 45                   | 30                           | 35                   | 30                           | 35                   |
|                                  | LW            | 35                           | 45                   | 35                           | 45                   | 35                           | 45                   | 30                           | 35                   | 30                           | 35                   |
|                                  | ML            | 35                           | 45                   | 35                           | 45                   | 35                           | 45                   | 30                           | 35                   | 30                           | 35                   |
| 8'                               | VL            | 30                           | 30                   | 30                           | 30                   | 30                           | 30                   | 30                           | 30                   | —                            | —                    |
|                                  | XL*           | 25                           | 25                   | 25                           | 25                   | 25                           | 25                   | 25                           | 25                   | —                            | —                    |

\*XL not available with thru wire

## CONTROLS

**NX Distributed Intelligence™ Lighting Controls:**

Supports both indoor and outdoor applications in a variety of deployment options- wired, wireless, hybrid.  
Integrates with and enables a wide array of luminaires including those with SpectraSync™ Color Tuning Technology.

NX DISTRIBUTED  
INTELLIGENCE

| NX INTEGRATED CONTROLS REFERENCE |                           |             |            |           |                     |               |                |                                               |
|----------------------------------|---------------------------|-------------|------------|-----------|---------------------|---------------|----------------|-----------------------------------------------|
| NX Option                        | Sensor                    | Networkable | Scheduling | Occupancy | Daylight Harvesting | 0-10V Dimming | On/off Control | Bluetooth® App Programming                    |
| <b>NX Standalone</b>             |                           |             |            |           |                     |               |                |                                               |
| <a href="#">NXS</a>              | <a href="#">NXSMP-SMI</a> | No          | Yes        | Yes       | Yes                 | Yes           | Yes            | Yes                                           |
| <b>NX Networked – Wired</b>      |                           |             |            |           |                     |               |                |                                               |
| <a href="#">NXE</a>              | N/A                       | Yes         | Yes        | No        | No                  | Yes           | Yes            | Requires <a href="#">NXBTC/R</a> <sup>1</sup> |
| <a href="#">NXES</a>             | <a href="#">NXSMP-SMI</a> | Yes         | Yes        | Yes       | Yes                 | Yes           | Yes            | Yes                                           |
| <b>NX Networked – Wireless</b>   |                           |             |            |           |                     |               |                |                                               |
| <a href="#">NXSW</a>             | <a href="#">NXSMP-SMI</a> | Yes         | Yes        | Yes       | Yes                 | Yes           | Yes            | Yes                                           |
| <a href="#">NXWE</a>             | N/A                       | Yes         | Yes        | No        | No                  | Yes           | Yes            | No <sup>2</sup>                               |

<sup>1</sup> NXBTC/R needs to be plugged into an available NX SmartPORT™ on the fixture network

<sup>2</sup> To program NXWE option, need to consult factory. If connected to an area controller, programming can be done from that

**Philips EasySense Controls ODPG Sensor:**

- Occupancy sensing, daylight harvesting, task tuning and grouping in one device
- Standalone control or grouping to wireless switches<sup>1</sup>
- Uses Philips field apps for on site commissioning<sup>2,3</sup>
- Ability to create scenes for various room configurations
- Cost-effective solution for energy-savings and code-compliance strategies
- DLC® Qualified: Listed on the QPL for Networked Lighting Controls. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org)

<sup>1</sup> Wireless switches only compatible with ODPG Philips EasySense

<sup>2</sup> See link to [Philips commissioning](#)

<sup>3</sup> Requires android device or IR dongle. See links for [phone compatibility](#) and [IR dongle](#)

**Wireless Switch Accessories<sup>1</sup>**
☐ [PESR-WH](#)

EasySense compatible wireless single rocker switch, white

☐ [PEDR-WH](#)

EasySense compatible wireless dual rocker switch, white



## SPECTRASAFE

**SpectraSAFE™ Integrated Surveillance Lighting System****Technical Features**

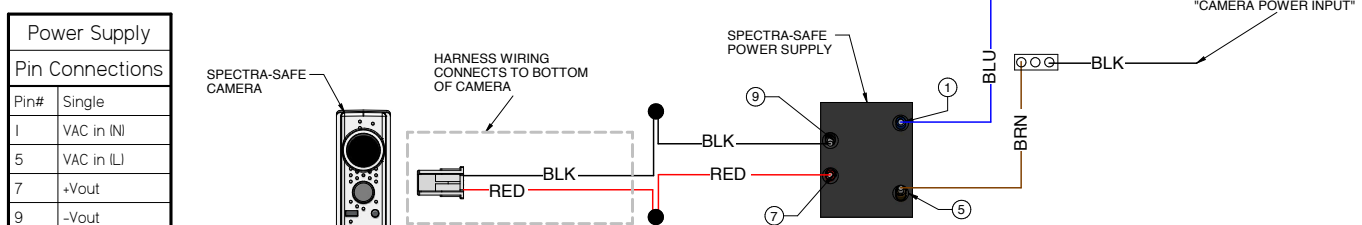
- High resolution 1080p full HD camera
- 2.8mm lens / 140° field of view
- IR emitter for low / no-light conditions
- [Multiple wiring configurations available](#)
- Supports 2-way audio communication
- Supports 2.4GHz WPA-PSK/WPA2-PSK Wi-Fi
- Data encrypted using AES 256 standard
- Low power consumption (2-5W)
- Transmissions secured using Open TLS / SSL



Note: Camera and end cap add 2.2" to the overall length.

**Software & Support**

- Free Android, iOS and web-based app
- Versatile and supports multiple applications
- Multi-tenant web-based camera application
- Phone and in-app chat technical support
- Scalable cloud services and video storage
- Supported by a 5-year warranty

**SPECTRASAFE WIRING DIAGRAM**

**CONTROLS (CONTINUED)****SpectraSync™ Color Tuning Technology:**

Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.



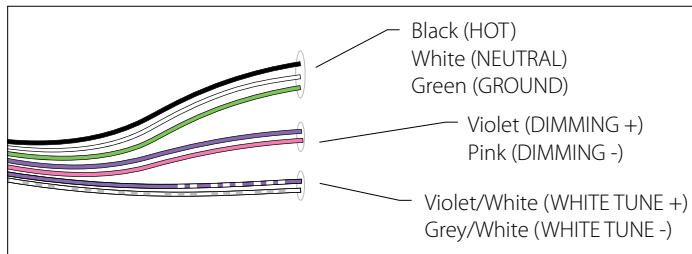
| SPECTRASync COLOR TUNING TECHNOLOGY |                            |                                                                                                                                                    |
|-------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Mode                                | Kelvin Range               | Description                                                                                                                                        |
| Tunable White                       | 2700K–5000K<br>2700K–6500K | Offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space |

**SpectraSync Tunable White**

Available in two options: 2750T (2700K–5000K) or 2765T (2700K–6500K).

Requires two 0–10V controllers, one for intensity and one for CCT.

Minimum 5% dimming.

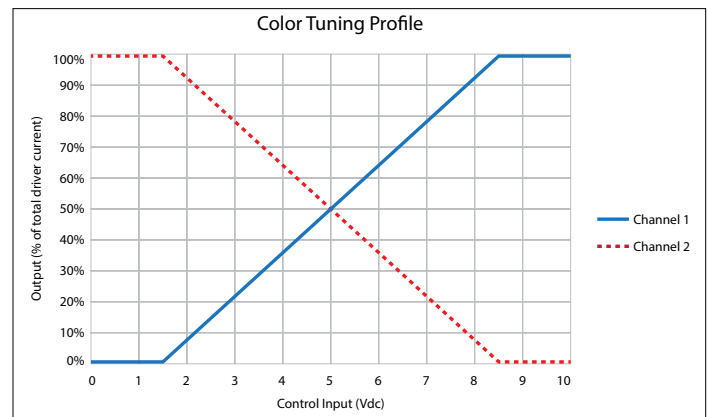


SpectraSync Tunable White luminaires are provided with two 0–10V circuits. The violet and pink circuit is for wiring to any qualified 0–10V controller for dimming. The violet/white and grey/white circuit is for wiring to any qualified 0–10V controller for Tunable White CCT control.

**Controller Manufacturer Data**

SpectraSync Tunable White was designed to be used with sinking style dimmers (provided by others) and is compatible with:

- Hubbell Control Solutions (HCS): NX Distributed Intelligence™ Room Controllers (NXRC) and In-fixture Controllers (NXFM)
- Lutron: DDTV, DVSTV, and NFTV dimmers
- Wattstopper: ADF120277 and CD4BL (Titan) dimmers



To enable scheduling and for use with NX wall control preset stations please refer to Hubbell Control Solutions NX SpectraSync technical sheet.

**SPECTRASync™ AND NX AVAILABILITY TABLE**

|      |               | Only With 80 CRI |    |        | Only With 80 CRI  |    |        |
|------|---------------|------------------|----|--------|-------------------|----|--------|
|      |               | No Battery Pack  |    |        | With Battery Pack |    |        |
| Size | Lumen package | CTC              | NX | CTC+NX | CTC               | NX | CTC+NX |
| 2ft  | VW            | Y                | Y  | N      | —                 | —  | —      |
|      | MW            | Y                | Y  | N      | —                 | —  | —      |
|      | LW            | Y                | Y  | N      | —                 | —  | —      |
|      | ML            | N                | Y  | N      | —                 | —  | —      |
|      | HL            | N                | Y  | N      | —                 | —  | —      |
| 4ft  | XW            | Y                | Y  | Y      | Y                 | Y  | Y      |
|      | VW            | Y                | Y  | Y      | Y                 | Y  | Y      |
|      | MW            | Y                | Y  | Y      | Y                 | Y  | Y      |
|      | LW            | Y                | Y  | Y      | Y                 | Y  | Y      |
|      | ML            | Y                | Y  | Y      | Y                 | Y  | Y      |
|      | HL            | Y                | Y  | Y      | Y                 | Y  | Y      |
|      | VL            | N                | Y  | N      | N                 | Y  | N      |
| 8ft  | XL            | N                | Y  | N      | N                 | Y  | N      |
|      | XW            | Y                | Y  | Y      | Y                 | Y  | Y      |
|      | VW            | Y                | Y  | Y      | Y                 | Y  | Y      |
|      | MW            | N                | Y  | N      | N                 | Y  | N      |
|      | LW            | N                | Y  | N      | N                 | Y  | N      |
|      | ML            | N                | Y  | N      | N                 | Y  | N      |
|      | HL            | N                | Y  | N      | N                 | Y  | N      |

|            |           |
|------------|-----------|
| DATE:      | LOCATION: |
| TYPE:      | PROJECT:  |
| CATALOG #: |           |

**DELIVERED LUMENS**

| STANDARD EFFICACY PERFORMANCE TABLE |       |         |              |        |             |     |
|-------------------------------------|-------|---------|--------------|--------|-------------|-----|
| FIXTURE                             | COLOR | LENS    | DISTRIBUTION | LUMENS | INPUT WATTS | LPW |
| MPS4-XW                             | 3500K | CURVE   | WIDE         | 2,544  | 18.1        | 141 |
|                                     |       | CURVE   | NARROW       | 2,490  | 18.1        | 138 |
|                                     |       | FLAT    | WIDE         | 2,460  | 18.1        | 136 |
|                                     |       | No Lens |              | 2,719  | 18.1        | 150 |
|                                     | 4000K | CURVE   | WIDE         | 2,573  | 18.1        | 142 |
|                                     |       | CURVE   | NARROW       | 2,518  | 18.1        | 139 |
|                                     |       | FLAT    | WIDE         | 2,488  | 18.1        | 137 |
|                                     |       | No Lens |              | 2,750  | 18.1        | 152 |
| MPS4-VW                             | 3500K | CURVE   | WIDE         | 3,223  | 23.6        | 137 |
|                                     |       | CURVE   | NARROW       | 3,221  | 23.6        | 137 |
|                                     |       | FLAT    | WIDE         | 3,073  | 23.5        | 131 |
|                                     |       | No Lens |              | 3,454  | 23.6        | 146 |
|                                     | 4000K | CURVE   | WIDE         | 3,258  | 23.6        | 138 |
|                                     |       | CURVE   | NARROW       | 3,256  | 23.6        | 138 |
|                                     |       | FLAT    | WIDE         | 3,107  | 23.5        | 132 |
|                                     |       | No Lens |              | 3,492  | 23.6        | 148 |
| MPS4-MW                             | 3500K | CURVE   | WIDE         | 3,541  | 26.7        | 133 |
|                                     |       | CURVE   | NARROW       | 3,504  | 26.7        | 131 |
|                                     |       | FLAT    | WIDE         | 3,453  | 26.8        | 128 |
|                                     |       | No Lens |              | 3,811  | 26.7        | 143 |
|                                     | 4000K | CURVE   | WIDE         | 3,580  | 26.7        | 134 |
|                                     |       | CURVE   | NARROW       | 3,543  | 26.7        | 133 |
|                                     |       | FLAT    | WIDE         | 3,491  | 26.8        | 130 |
|                                     |       | No Lens |              | 3,853  | 26.7        | 144 |
| MPS4-LW                             | 3500K | CURVE   | WIDE         | 3,878  | 27.3        | 142 |
|                                     |       | CURVE   | NARROW       | 3,836  | 27.4        | 140 |
|                                     |       | FLAT    | WIDE         | 3,753  | 27.4        | 137 |
|                                     |       | No Lens |              | 4,172  | 27.4        | 152 |
|                                     | 4000K | CURVE   | WIDE         | 3,921  | 27.3        | 144 |
|                                     |       | CURVE   | NARROW       | 3,878  | 27.4        | 142 |
|                                     |       | FLAT    | WIDE         | 3,794  | 27.4        | 138 |
|                                     |       | No Lens |              | 4,218  | 27.4        | 154 |
| MPS4-ML                             | 3500K | CURVE   | WIDE         | 4,419  | 31.6        | 140 |
|                                     |       | CURVE   | NARROW       | 4,370  | 31.6        | 138 |
|                                     |       | FLAT    | WIDE         | 4,230  | 31.6        | 134 |
|                                     |       | No Lens |              | 4,784  | 31.7        | 151 |
|                                     | 4000K | CURVE   | WIDE         | 4,468  | 31.6        | 141 |
|                                     |       | CURVE   | NARROW       | 4,418  | 31.6        | 140 |
|                                     |       | FLAT    | WIDE         | 4,277  | 31.6        | 135 |
|                                     |       | No Lens |              | 4,837  | 31.7        | 153 |
| MPS4-HL                             | 3500K | CURVE   | WIDE         | 5,658  | 41.7        | 136 |
|                                     |       | CURVE   | NARROW       | 5,592  | 41.7        | 134 |
|                                     |       | FLAT    | WIDE         | 5,393  | 41.5        | 130 |
|                                     |       | No Lens |              | 5,489  | 41.8        | 131 |
|                                     | 4000K | CURVE   | WIDE         | 5,720  | 41.7        | 137 |
|                                     |       | CURVE   | NARROW       | 5,654  | 41.7        | 136 |
|                                     |       | FLAT    | WIDE         | 5,452  | 41.5        | 131 |
|                                     |       | No Lens |              | 5,549  | 41.8        | 133 |
| MPS4-VL                             | 3500K | CURVE   | WIDE         | 6,643  | 47.1        | 141 |
|                                     |       | CURVE   | NARROW       | 6,571  | 47.1        | 140 |
|                                     |       | FLAT    | WIDE         | 4,983  | 36.3        | 137 |
|                                     |       | No Lens |              | 7,217  | 47.2        | 153 |
|                                     | 4000K | CURVE   | WIDE         | 6,717  | 47.1        | 143 |
|                                     |       | CURVE   | NARROW       | 6,644  | 47.1        | 141 |
|                                     |       | FLAT    | WIDE         | 5,038  | 36.3        | 139 |
|                                     |       | No Lens |              | 7,297  | 47.2        | 155 |
| MPS4-XL                             | 3500K | CURVE   | WIDE         | 7,646  | 56.4        | 136 |
|                                     |       | CURVE   | NARROW       | 7,522  | 56.4        | 133 |
|                                     |       | FLAT    | WIDE         | 7,325  | 56.6        | 129 |
|                                     |       | No Lens |              | 8,273  | 56.6        | 146 |
|                                     | 4000K | CURVE   | WIDE         | 7,732  | 56.4        | 128 |
|                                     |       | CURVE   | NARROW       | 7,608  | 56.4        | 135 |
|                                     |       | FLAT    | WIDE         | 7,408  | 56.6        | 131 |
|                                     |       | No Lens |              | 8,366  | 56.6        | 148 |
| MPS8-XW                             | 3500K | CURVE   | WIDE         | 5,089  | 36.2        | 141 |
|                                     |       | CURVE   | NARROW       | 4,980  | 36.2        | 138 |
|                                     |       | FLAT    | WIDE         | 4,921  | 36.2        | 136 |
|                                     |       | No Lens |              | 5,439  | 36.2        | 150 |
|                                     | 4000K | CURVE   | WIDE         | 5,146  | 36.2        | 142 |
|                                     |       | CURVE   | NARROW       | 5,037  | 36.2        | 139 |
|                                     |       | FLAT    | WIDE         | 4,977  | 36.2        | 137 |
|                                     |       | No Lens |              | 5,500  | 36.2        | 152 |

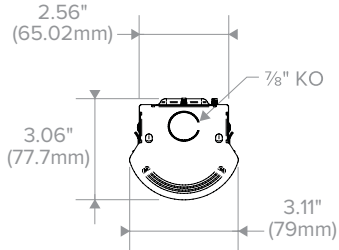
|            |           |
|------------|-----------|
| DATE:      | LOCATION: |
| TYPE:      | PROJECT:  |
| CATALOG #: |           |

**DELIVERED LUMENS (CONTINUED)**

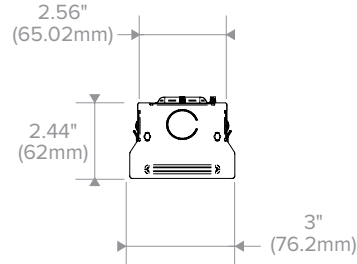
| STANDARD EFFICACY PERFORMANCE TABLE |       |         |              |        |             |     |
|-------------------------------------|-------|---------|--------------|--------|-------------|-----|
| FIXTURE                             | COLOR | LENS    | DISTRIBUTION | LUMENS | INPUT WATTS | LPW |
| MPS8-VW                             | 3500K | CURVE   | WIDE         | 6,446  | 47.2        | 137 |
|                                     |       | CURVE   | NARROW       | 6,442  | 47.2        | 136 |
|                                     |       | FLAT    | WIDE         | 6,146  | 47          | 131 |
|                                     |       | No Lens |              | 6,908  | 47.2        | 146 |
|                                     | 4000K | CURVE   | WIDE         | 6,517  | 47.2        | 138 |
|                                     |       | CURVE   | NARROW       | 6,513  | 47.2        | 138 |
|                                     |       | FLAT    | WIDE         | 6,214  | 47          | 132 |
|                                     |       | No Lens |              | 6,984  | 47.2        | 148 |
| MPS8-MW                             | 3500K | CURVE   | WIDE         | 7,082  | 53.4        | 133 |
|                                     |       | CURVE   | NARROW       | 7,008  | 53.4        | 131 |
|                                     |       | FLAT    | WIDE         | 6,906  | 53.6        | 129 |
|                                     |       | No Lens |              | 7,622  | 53.4        | 143 |
|                                     | 4000K | CURVE   | WIDE         | 7,160  | 53.4        | 134 |
|                                     |       | CURVE   | NARROW       | 7,085  | 53.4        | 133 |
|                                     |       | FLAT    | WIDE         | 6,982  | 53.6        | 130 |
|                                     |       | No Lens |              | 7,706  | 53.4        | 144 |
| MPS8-LW                             | 3500K | CURVE   | WIDE         | 7,756  | 54.6        | 142 |
|                                     |       | CURVE   | NARROW       | 7,672  | 54.8        | 140 |
|                                     |       | FLAT    | WIDE         | 7,506  | 54.8        | 137 |
|                                     |       | No Lens |              | 8,344  | 54.8        | 152 |
|                                     | 4000K | CURVE   | WIDE         | 7,841  | 54.6        | 144 |
|                                     |       | CURVE   | NARROW       | 7,756  | 54.8        | 142 |
|                                     |       | FLAT    | WIDE         | 7,589  | 54.8        | 138 |
|                                     |       | No Lens |              | 8,436  | 54.8        | 154 |
| MPS8-ML                             | 3500K | CURVE   | WIDE         | 8,838  | 63.2        | 140 |
|                                     |       | CURVE   | NARROW       | 8,740  | 63.2        | 138 |
|                                     |       | FLAT    | WIDE         | 8,460  | 63.2        | 134 |
|                                     |       | No Lens |              | 9,568  | 63.4        | 151 |
|                                     | 4000K | CURVE   | WIDE         | 8,935  | 63.2        | 141 |
|                                     |       | CURVE   | NARROW       | 8,836  | 63.2        | 140 |
|                                     |       | FLAT    | WIDE         | 8,553  | 63.2        | 135 |
|                                     |       | No Lens |              | 9,673  | 63.4        | 153 |
| MPS8-HL                             | 3500K | CURVE   | WIDE         | 11,316 | 83.4        | 136 |
|                                     |       | CURVE   | NARROW       | 11,184 | 83.4        | 134 |
|                                     |       | FLAT    | WIDE         | 10,786 | 83          | 130 |
|                                     |       | No Lens |              | 10,978 | 83.6        | 131 |
|                                     | 4000K | CURVE   | WIDE         | 11,440 | 83.4        | 137 |
|                                     |       | CURVE   | NARROW       | 11,307 | 83.4        | 136 |
|                                     |       | FLAT    | WIDE         | 10,905 | 83          | 131 |
|                                     |       | No Lens |              | 11,099 | 83.6        | 133 |
| MPS8-VL                             | 3500K | CURVE   | WIDE         | 13,286 | 94.2        | 141 |
|                                     |       | CURVE   | NARROW       | 13,142 | 94.2        | 140 |
|                                     |       | FLAT    | WIDE         | 9,965  | 72.6        | 137 |
|                                     |       | No Lens |              | 14,433 | 94.4        | 153 |
|                                     | 4000K | CURVE   | WIDE         | 13,434 | 94.2        | 143 |
|                                     |       | CURVE   | NARROW       | 13,288 | 94.2        | 141 |
|                                     |       | FLAT    | WIDE         | 10,076 | 72.6        | 139 |
|                                     |       | No Lens |              | 14,594 | 94.4        | 155 |
| MPS8-XL                             | 3500K | CURVE   | WIDE         | 15,291 | 112.8       | 136 |
|                                     |       | CURVE   | NARROW       | 15,045 | 112.8       | 133 |
|                                     |       | FLAT    | WIDE         | 14,650 | 113.2       | 129 |
|                                     |       | No Lens |              | 16,545 | 113.2       | 146 |
|                                     | 4000K | CURVE   | WIDE         | 15,464 | 112.8       | 137 |
|                                     |       | CURVE   | NARROW       | 15,215 | 112.8       | 135 |
|                                     |       |         | WIDE         | 14,816 | 113.2       | 131 |
|                                     |       | No Lens |              | 16,732 | 113.2       | 148 |

## DIMENSIONS

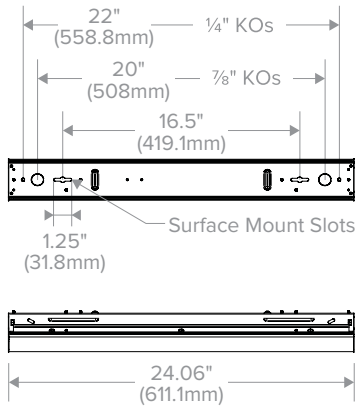
### MPS END View - Curve Lens



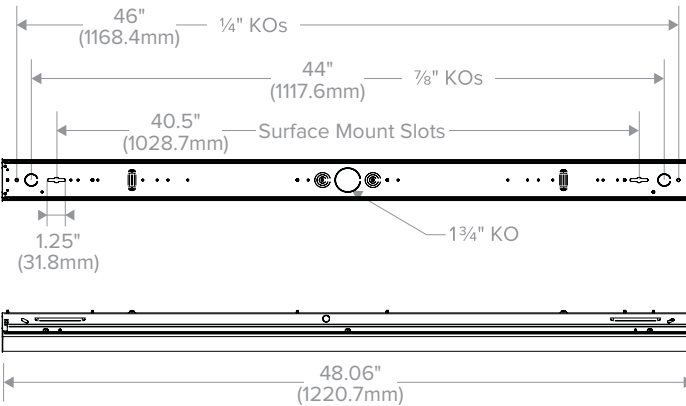
### MPS END View - FLAT Lens



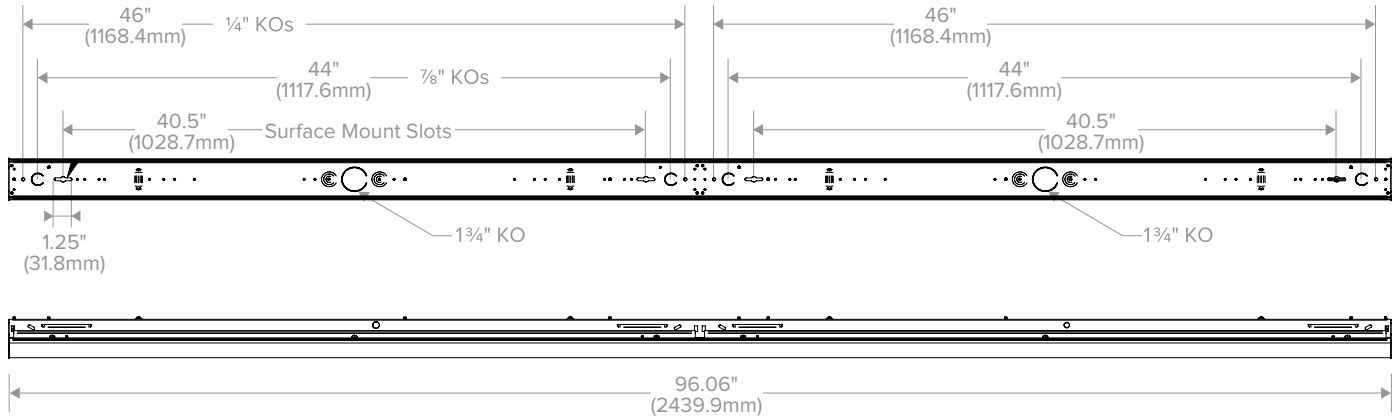
### MPS 2' Dimensions



### MPS 4' Dimensions



### MPS 8' Dimensions



## PHOTOMETRY

## MPS4-40ML-CN-EDU

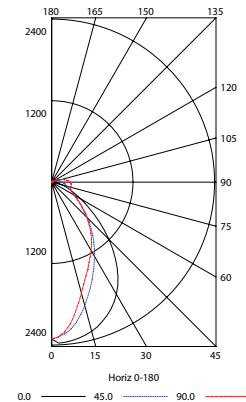
## LUMINAIRE DATA

|                   |                                                                          |
|-------------------|--------------------------------------------------------------------------|
| Test No.          | 21.00769                                                                 |
| Description       | 4' Multi-Purpose Strip-Light w/ Curved, Narrow-Distribution Acrylic Lens |
| Delivered Lumens  | 4423                                                                     |
| Watts             | 31.6                                                                     |
| Efficacy          | 140                                                                      |
| Mounting          | Surface                                                                  |
| Spacing Criterion | 0° = 1.22 90° = 0.78                                                     |

## ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-30  | 1472   | 33.3        |
| 0-40  | 2227   | 50.4        |
| 0-60  | 3359   | 75.9        |
| 0-90  | 4126   | 93.3        |
| 0-180 | 4423   | 100.0       |

## POLAR GRAPH



## MPS4-40ML-CW-EDU

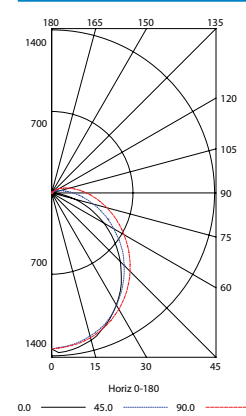
## LUMINAIRE DATA

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Test No.          | 21.00759                                                     |
| Description       | 4' Multi-Purpose Strip-Light w/ Diffuse, Curved Acrylic Lens |
| Delivered Lumens  | 4469                                                         |
| Watts             | 31.6                                                         |
| Efficacy          | 141                                                          |
| Mounting          | Surface                                                      |
| Spacing Criterion | 0° = 1.23 90° = 1.28                                         |

## ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-30  | 1036   | 23.2        |
| 0-40  | 1693   | 37.9        |
| 0-60  | 3010   | 67.4        |
| 0-90  | 4158   | 93.0        |
| 0-180 | 4469   | 100.0       |

## POLAR GRAPH



## MPS4-40ML-FW-EDU

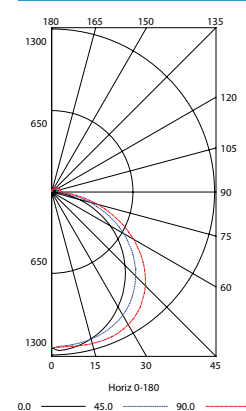
## LUMINAIRE DATA

|                   |                                                                      |
|-------------------|----------------------------------------------------------------------|
| Test No.          | 21.00779                                                             |
| Description       | 4' Multi-Purpose Strip-Light w/ Flat, Wide-Distribution Acrylic Lens |
| Delivered Lumens  | 4279                                                                 |
| Watts             | 31.6                                                                 |
| Efficacy          | 135                                                                  |
| Mounting          | Surface                                                              |
| Spacing Criterion | 0° = 1.26 90° = 1.45                                                 |

## ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-30  | 1006   | 23.5        |
| 0-40  | 1684   | 39.4        |
| 0-60  | 3089   | 72.2        |
| 0-90  | 4070   | 95.1        |
| 0-180 | 4279   | 100.0       |

## POLAR GRAPH



## ADDITIONAL INFORMATION

## DTS WIRING DIAGRAM (0-10V DIMMING DRIVER SHOWN)

