

|               |       |
|---------------|-------|
| Project Name: | Type: |
| Part Number:  | Date: |

# PXCYL CYLINDER 6"

## SPECIFICATION FEATURES

- **Mechanical** - Compact fixture body made from die cast aluminum. Proprietary selectable output driver and polycarbonate lens design provide high quality light to compliment any space. Fixture bodies are available in matte black and matte white, or additional customized colors. Available in Surface, Pendant, Swivel, Suspension cable or Wall mount configuration.
- **Electrical** - Two selectable lumen output driver options with SelectDrive technology. The 120V, 50/60 Hz driver is forward or reverse phase dimmable to 5%. The 120-277V, 50/60 Hz driver is 0-10V dimmable to 5% with a low end cutoff and comes with a 12V auxiliary port that provides power for field installed sensors and control modules. Static lumen output driver options include the Lutron 5-Series Ecosystem driver which provides smooth dimming to 5% and the Lutron Hi-Lume 1% EcoSystem driver with Soft-On, Fade-to-Black which dims to 1%. EldoLED ECOdrive and SOLOdrive drivers are available in 0-10V and DALI configurations and dim smoothly to 1% and 0.1% respectively. Enlighted compact sensors and Philips EasySense sensors are field installable and directly integrate with the factory provided Philips Xitanium driver and Sensor Ready bridge.
- **Optical** - Flanged spun aluminum reflector. 45° optical cutoff. Field interchangeable optical lenses. Five beam distributions ranging from 15°-75°. Wall wash field installed accessory. COB LED binned to 3-step SDCM to ensure color uniformity in 2700K, 3000K, 3500K, 4000K or 5000K CCT. Minimum 90 CRI. 97 CRI with TRUE CHROMA available in 3000K only.
- **Thermal** - Die cast heat sink maximizes passive thermal management and achieves an L70 rated lifetime of 50,000 hours. Fixture operating temperature: -22°F to 95°F (-30°C to 35°C). With EM-INT option fixture should be installed in a controlled environment with ambient temperature not exceeding 77°F (25°C).
- **Compliance and Warranty** - ETL Listed for damp location, WET location available for Surface Mount and Wall Mount downlighting under covered ceiling. Complies with FCC 47CFR Part 15B consumer limits for EMI/RFI emissions. 5 year parts warranty for complete fixture. Optional 10 Year Extended Warranty available, subject to same terms, conditions and installation requirements as standard 5 Year Warranty.



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## BENEFITS

- Get the right amount of light with SelectDrive technology
- Multiple finish and customization available to match any décor
- Surface, Pendant, Cable, Down-wall and Up-wall mounting options are available.
- Field interchangeable optics ensure smooth light levels
- Large variety of dimming and sensor control options

## APPLICATIONS

- Retail
- Hospitality
- Residential
- Education
- Healthcare



# PXCYL CYLINDER 6"

## ORDERING INFORMATION

ORDERING EXAMPLE: PXCYL6/SM/LEM9035/KDIM010UNV/MD/WH/CC

### SelectDrive Light Engine

| PXCYL  | 6                                | /   | /  | /   | /   | /   | /  | /  | /  | /  |
|--|----------------------------------|---|--|---|---|---|--|--|--|--|
| Model Series                                     | Size                             | Mounting  | Light Engine   | CRI   | CCT   | Driver  | Optical Distribution   | Cylinder Finish  | Reflector Finish                                       | Options  |
| <input type="checkbox"/> PXCYL<br>PXCYL Cylinder | <input type="checkbox"/> 6<br>6" | <input type="checkbox"/> SM<br>Surface Mount                    | <input type="checkbox"/> LES<br>Small Light Engine<br>500-700-1000 lumens    | <input type="checkbox"/> 90<br>CRI 90+                                    | <input type="checkbox"/> 27 <sup>3</sup><br>2700K | <input type="checkbox"/> KDIM120V<br>SelectDrive 120V, 50/60Hz<br>Forward/Reverse phase dimming | <input type="checkbox"/> SP<br>Spot 15°<br>Beam Angle        | <input type="checkbox"/> WH<br>Matte White             | <input type="checkbox"/> CC<br>Clear                   | <input type="checkbox"/> EM-INT <sup>9</sup><br>6W Integrated EM Backup<br>CEC Compliant |
|  |                                  | <input type="checkbox"/> CM <sup>1</sup><br>Cable Mount Ready   | <input type="checkbox"/> LEM<br>Medium Light Engine<br>1500-2000-2500 lumens | <input type="checkbox"/> 97 <sup>2,3</sup><br>97 CRI 3000K<br>TRUE CHROMA | <input type="checkbox"/> 30<br>3000K              | <input type="checkbox"/> KDIM010UNV<br>SelectDrive 120-277V, 50/60Hz<br>0-10V dimming           | <input type="checkbox"/> VN<br>Very Narrow<br>25° Beam Angle | <input type="checkbox"/> BL<br>Matte Black             | <input type="checkbox"/> WH<br>White                   | <input type="checkbox"/> WET <sup>8</sup><br>Wet Location Ready                          |
|  |                                  | <input type="checkbox"/> PM <sup>1</sup><br>Pendant Mount Ready | <input type="checkbox"/> LEL<br>Large Light Engine<br>3000-4000-5000 lumens  |   | <input type="checkbox"/> 35<br>3500K              |   | <input type="checkbox"/> NR<br>Narrow 40°<br>Beam Angle      | <input type="checkbox"/> CZ <sup>4</sup><br>Customized | <input type="checkbox"/> CZ <sup>4</sup><br>Customized | For additional Emergency options please see field installable options below              |
|  |                                  | <input type="checkbox"/> WM<br>Wall Mount                       |  |   | <input type="checkbox"/> 40<br>4000K              |   | <input type="checkbox"/> MD<br>Medium 60°<br>Beam Angle      |  |  |  |
|  |                                  | <input type="checkbox"/> WMUP<br>Wall Mount Up lighting         |  |   | <input type="checkbox"/> 50 <sup>3</sup><br>5000K |   | <input type="checkbox"/> WD<br>Wide 75°<br>Beam Angle        |  |  |  |

### Fixed Lumen Output Light Engine

| PXCYL  | 6                                | /   | /  | /   | /   | /   | /  | /  | /  | /   |
|--|----------------------------------|---|--|---|---|---|--|--|--|---|
| Model Series                                     | Size                             | Mounting  | Light Engine   | CRI   | CCT   | Driver  | Optical Distribution   | Cylinder Finish  | Reflector Finish                                       | Options   |
| <input type="checkbox"/> PXCYL<br>PXCYL Cylinder | <input type="checkbox"/> 6<br>6" | <input type="checkbox"/> SM<br>Surface Mount                    | <input type="checkbox"/> LE05 <sup>7</sup><br>500 lumens   | <input type="checkbox"/> 90<br>CRI 90+                                    | <input type="checkbox"/> 27 <sup>3</sup><br>2700K | <input type="checkbox"/> PSRUNV<br>0-10V Xitanium Driver + SR<br>Ready Bridge, 120-277V | <input type="checkbox"/> SP<br>Spot 15°<br>Beam Angle        | <input type="checkbox"/> WH<br>Matte White             | <input type="checkbox"/> CC<br>Clear                   | <input type="checkbox"/> ES <sup>5</sup><br>Philips EasySense CPM<br>SN200 Ceiling Mount Sensor           |
|  |                                  | <input type="checkbox"/> CM <sup>1</sup><br>Cable Mount Ready   | <input type="checkbox"/> LE07<br>700 lumens                | <input type="checkbox"/> 97 <sup>2,3</sup><br>97 CRI 3000K<br>TRUE CHROMA | <input type="checkbox"/> 30<br>3000K              | <input type="checkbox"/> XT010UNV<br>0-10V 1% Xitanium Driver,<br>120-277V              | <input type="checkbox"/> VN<br>Very Narrow<br>25° Beam Angle | <input type="checkbox"/> BL<br>Matte Black             | <input type="checkbox"/> WH<br>White                   | <input type="checkbox"/> ENLS <sup>6</sup> -IL<br>Enlighted Two Wire ENLIGHTED<br>ONE Compact Sensor      |
|  |                                  | <input type="checkbox"/> PM <sup>1</sup><br>Pendant Mount Ready | <input type="checkbox"/> LE10<br>1,000 lumens              |   | <input type="checkbox"/> 35<br>3500K              | <input type="checkbox"/> LUT-5UNV<br>Lutron EcoSystem 5% Dimming,<br>120-277V           | <input type="checkbox"/> NR<br>Narrow 40°<br>Beam Angle      | <input type="checkbox"/> CZ <sup>4</sup><br>Customized | <input type="checkbox"/> CZ <sup>4</sup><br>Customized | <input type="checkbox"/> ENLS <sup>6</sup> -CL<br>Enlighted Two Wire CONNECTED<br>LIGHTING Compact Sensor |
|  |                                  | <input type="checkbox"/> WM<br>Wall Mount                       | <input type="checkbox"/> LE15<br>1,500 lumens              |   | <input type="checkbox"/> 40<br>4000K              | <input type="checkbox"/> LUT-1UNV<br>Lutron EcoSystem 1% Dimming,<br>120-277V           | <input type="checkbox"/> MD<br>Medium 60°<br>Beam Angle      |  |  | <input type="checkbox"/> ENLS <sup>6</sup> -IOT<br>Enlighted Two Wire IOT<br>Compact Sensor               |
|  |                                  | <input type="checkbox"/> WMUP<br>Wall Mount Up lighting         | <input type="checkbox"/> LE20<br>2,000 lumens              |   | <input type="checkbox"/> 50 <sup>3</sup><br>5000K | <input type="checkbox"/> LUT-L3DUNV<br>Lutron Hi-lume 3-Wire 1%<br>Dimming, 120-277V    | <input type="checkbox"/> WD<br>Wide 75°<br>Beam Angle        |  |  | <input type="checkbox"/> EM-INT <sup>9</sup><br>6W Integrated EM Backup<br>CEC Compliant                  |
|  |                                  |   | <input type="checkbox"/> LE25<br>2,500 lumens              |   |   | <input type="checkbox"/> ELD-E010UNV<br>EldoLED ECOdrive 0-10V 1%,<br>120-277V          |  |  |  | <input type="checkbox"/> WET <sup>8</sup><br>Wet Location Ready   |
|  |                                  |   | <input type="checkbox"/> LE30<br>3,000 lumens              |   |   | <input type="checkbox"/> ELD-EDALIUNV<br>EldoLED ECOdrive DALI 1%,<br>120-277V          |  |  |  | For additional Emergency options please see field installable options below                               |
|  |                                  |   | <input type="checkbox"/> LE40<br>4,000 lumens              |   |   | <input type="checkbox"/> ELD-S010UNV<br>EldoLED SOLOdrive 0-10V<br>0.1%, 120-277V       |  |  |  |   |
|  |                                  |   | <input type="checkbox"/> LE50 <sup>9</sup><br>5,000 lumens |   |   | <input type="checkbox"/> ELD-SDALIUNV<br>EldoLED SOLOdrive DALI<br>0.1%, 120-277V       |  |  |  |   |
|  |                                  |   |  |   |   | <input type="checkbox"/> OSRDIM010347V<br>Osram OPTOTRONIC 0-10V<br>1%, 347V            |  |  |  |   |

<sup>1</sup> Cable and Pendant Mount ready for Stem or Cable Suspension, order Canopy type and length separately. <sup>2</sup> TRUE CHROMA only available for 3000K, contact factory for detail and other CCT. <sup>3</sup> Non-stock item: may be subject to extended lead time and minimum order quantity. Please contact factory for details. <sup>4</sup> Please contact factory for customized finish color or customized reflectors for feasibility. <sup>5</sup> Philips EasySense ceiling mounted sensor is only available with the PSRUNV driver. <sup>6</sup> Enlighted Two Wire Compact Sensor with ceiling mount is only available with the PSRUNV driver. <sup>7</sup> LE05 is not available with LUT-5UNV. <sup>8</sup> WET location are available only for Surface Mounted and Wall Mount downlighting under covered ceiling. <sup>9</sup> EM-INT is integrated Emergency unit, factory installed, with test button on the Cylinder. Fixture with EM-INT should be installed in a controlled environment with ambient temperature not exceeding 77°F (25°C).



# PXCYL CYLINDER 6"

## MOUNTING AND CANOPY ACCESSORIES AND OPTIONS

### ORDERING EXAMPLE: CABLECPY/WH/50/18/3

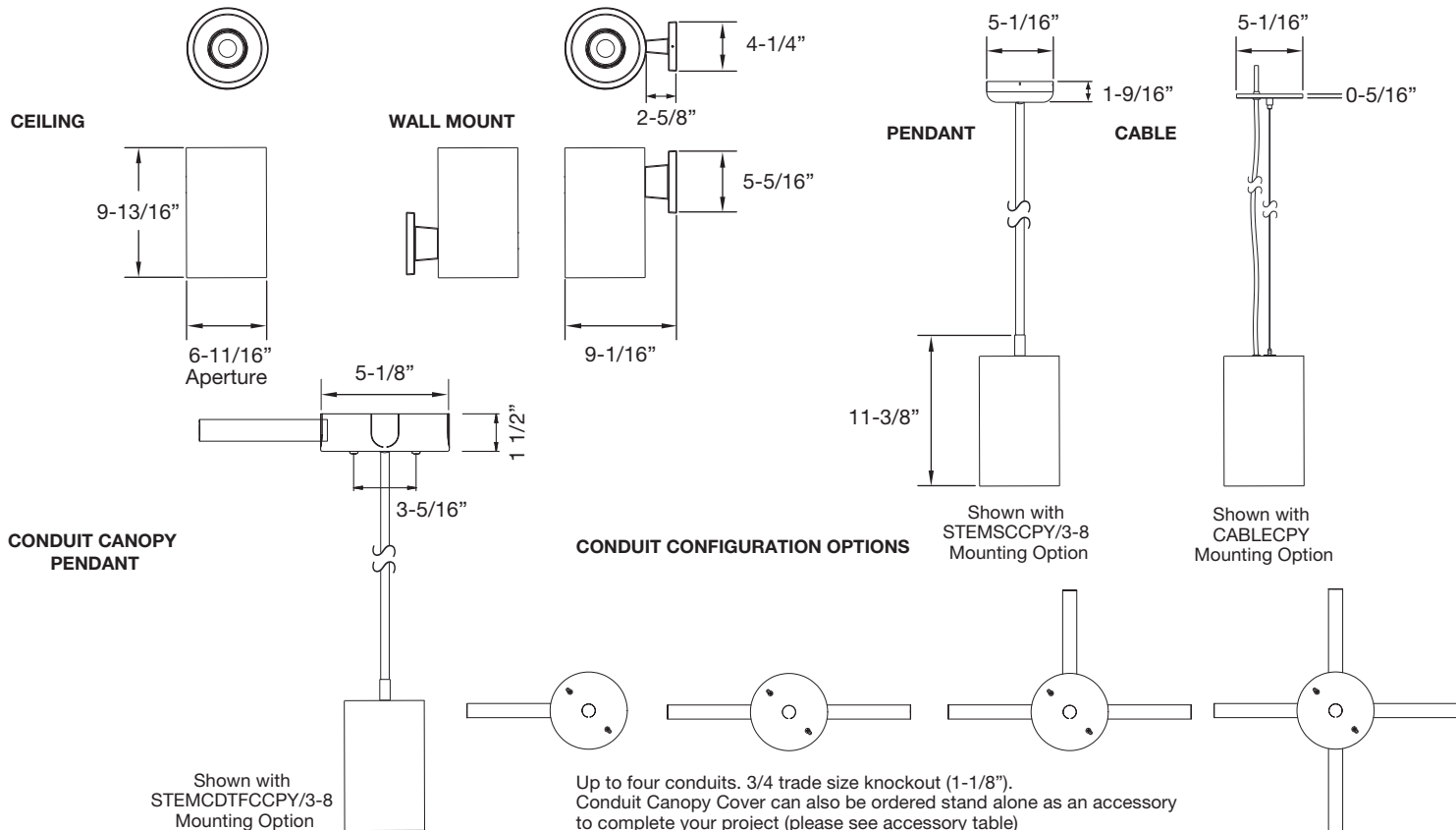
| CABLECPY  | /  | /  | /  |
|---|--|--|--|
| Model Series  | Color  | Length <sup>2</sup>  | Cord Type  |
| <input type="checkbox"/> <b>CABLECPY<sup>1</sup></b><br>Cable mount canopy for flat and slope ceiling (use with CM mounting only) | <input type="checkbox"/> <b>WH</b><br>White                  | <input type="checkbox"/> <b>50</b><br>Adjustable length up to 50" max.   | <input type="checkbox"/> <b>18/3</b><br>3 x 18 AWG, for non Dimming or TRIAC/ELV   |
|   | <input type="checkbox"/> <b>BL</b><br>Black                  | <input type="checkbox"/> <b>72</b><br>Adjustable length up to 72" max.   | <input type="checkbox"/> <b>18/3-22/2</b><br>3 x 18 AWG, 2 x 22 AWG (purple, pink), for 0-10V control and dimming and/or to connect a field installable micro inverter (FHUPS1-UNV-25L-SD) |
|   | <input type="checkbox"/> <b>CZ<sup>3</sup></b><br>Customized | <input type="checkbox"/> <b>100</b><br>Adjustable length up to 100" max. | <input type="checkbox"/> <b>18/4-22/2</b><br>4 x 18 AWG, 2 x 22 AWG, for emergency wiring with EM-INT option or field installable EM driver (FHSCP-UNV-10.7WL(-CEC))                       |
|   |  | <input type="checkbox"/> <b>CZ<sup>3</sup></b><br>Customized             |  |

### ORDERING EXAMPLE: STEMSCCPY/3-8/WH/12/18/3

| STEMSCCPY/3-8 <sup>1</sup>  | /  | /  | /  |
|---|--|--|--|
| Model Series  | Color  | Length <sup>2</sup>  | Cord Type  |
| <input type="checkbox"/> <b>STEMSCCPY/3-8<sup>1</sup></b><br>Pendant Canopy with 3/8 IPS Stem for flat and slope ceiling up to 45° (Use with PM only)               | <input type="checkbox"/> <b>WH</b><br>White                  | <input type="checkbox"/> <b>12</b><br>12" long               | <input type="checkbox"/> <b>18/3</b><br>3 x 18 AWG, for non Dimming or TRIAC/ELV   |
| <input type="checkbox"/> <b>STEMCDTFCCPY/3-8<sup>4</sup></b><br>Jbox Cover Canopy with 3/8 IPS Stem, for flat ceiling with 4x side conduits pass (Use with PM only) | <input type="checkbox"/> <b>BL</b><br>Black                  | <input type="checkbox"/> <b>24</b><br>24" long               | <input type="checkbox"/> <b>18/3-22/2</b><br>3 x 18 AWG, 2 x 22 AWG (purple, pink), for 0-10V control and dimming and/or to connect a field installable micro inverter (FHUPS1-UNV-25L-SD) |
|   | <input type="checkbox"/> <b>CZ<sup>3</sup></b><br>Customized | <input type="checkbox"/> <b>36</b><br>36" long               | <input type="checkbox"/> <b>18/4-22/2</b><br>4 x 18 AWG, 2 x 22 AWG, for emergency wiring with EM-INT option or field installable EM driver (FHSCP-UNV-10.7WL(-CEC))                       |
|   |  | <input type="checkbox"/> <b>48</b><br>48" long               |  |
|   |  | <input type="checkbox"/> <b>CZ<sup>3</sup></b><br>Customized |  |

<sup>1</sup> The Stem and cable canopies can be used for both plane and slope ceiling. <sup>2</sup> Cord length will be approximately 12" longer than cable or Stem.  
<sup>3</sup> Please contact factory for customized color and length. <sup>4</sup> Stem Conduit Canopy only available for flat ceiling.

## LINE DRAWINGS

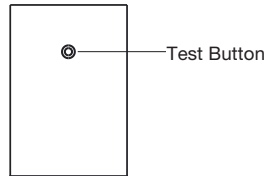




# PXCYL CYLINDER 6"

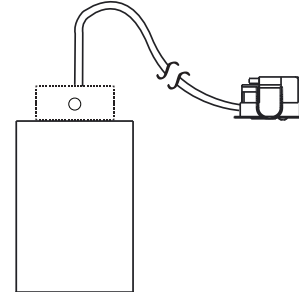
## LINE DRAWINGS WITH OPTIONS

WITH EM-INT



EM Driver and Test button are integrated in the Cylinder and Factory installed. Test button is located on the upper part of the cylinder. Consult factory for additional options.

WITH SENSOR



Philips EasySense sensor shown in Surface mount installation. Enlighted compact sensor also available. Consult factory for additional options.

## ACCESSORY ORDERING INFORMATION

| Product | Model            | Description  | Pictures | Dimensions  |
|---------|------------------|--|----------|---|
| 98079   | ADWAW            | Wall Wash<br>(Field Installed on Module)                               |          |   |
| 36761   | CONDUITCPYKIT/WH | White finish, decorative Jbox cover, with 4 side conduit pass-through. |          | <br>1/2 Trade size knockout (7/8")<br>3/4 Trade size knockout (1-1/8")<br>3-5/16"<br>1-1/2" |
| 36762   | CONDUITCPYKIT/BL | Black finish, decorative Jbox cover, with 4 side conduit pass-through. |          |   |

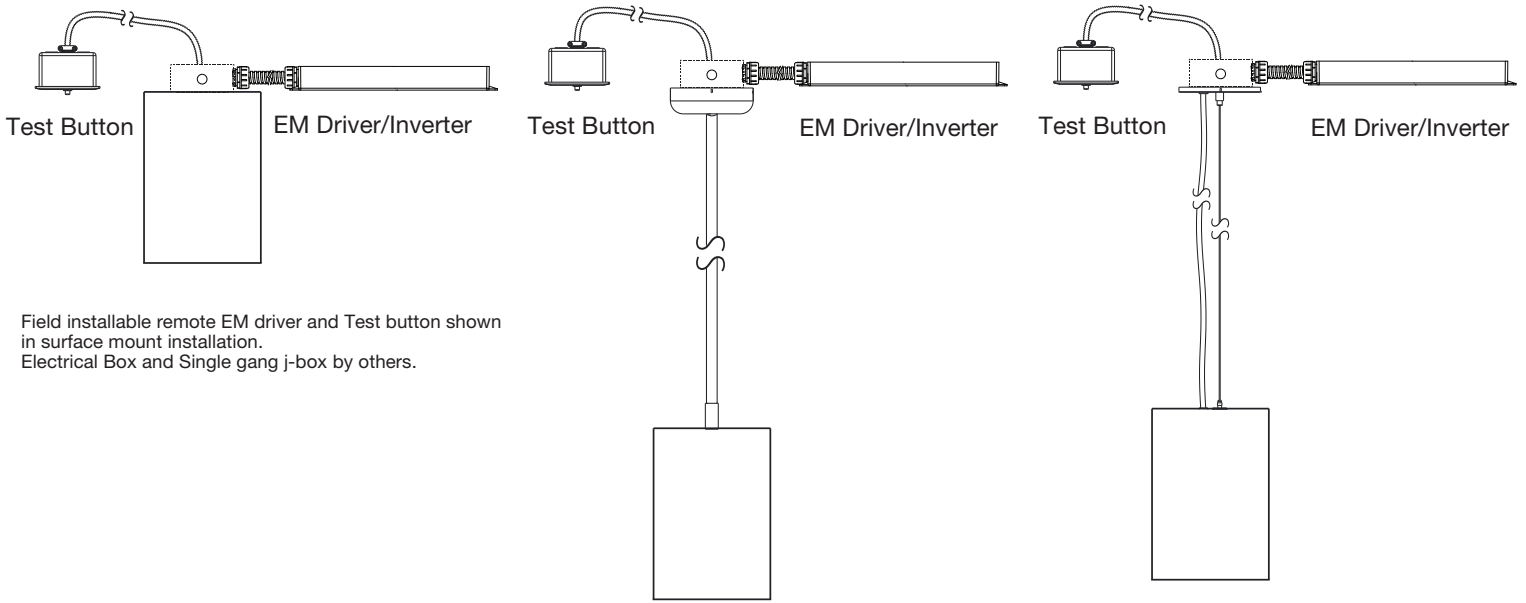
## FIELD INSTALLABLE EMERGENCY UNIT ORDERING INFORMATION

| Product           | Model             | Description   | Picture | Dimension                    |
|-------------------|-------------------|---|---------|------------------------------|
| FHUPS1-UNV-25L-SD | FHUPS1-UNV-25L-SD | 25W Emergency Micro Inverter for field installation to use with 0-10V Driver options. 100-277VAC (up to 150W with use of 0-10V dimming). CEC Compliant. |         | <br>19-5/16"<br>1-1/2"<br>3" |
| FHSCP-UNV-10.7WL  | FHSCP-UNV-10.7WL  | 10.7W Emergency Driver for field installation to use with 120V and non 0-10V dimmable input Driver options. CEC Compliant.                              |         | <br>18-9/16"<br>1-5/8"<br>3" |



# PXCYL CYLINDER 6"

## LINE DRAWINGS WITH OPTIONS

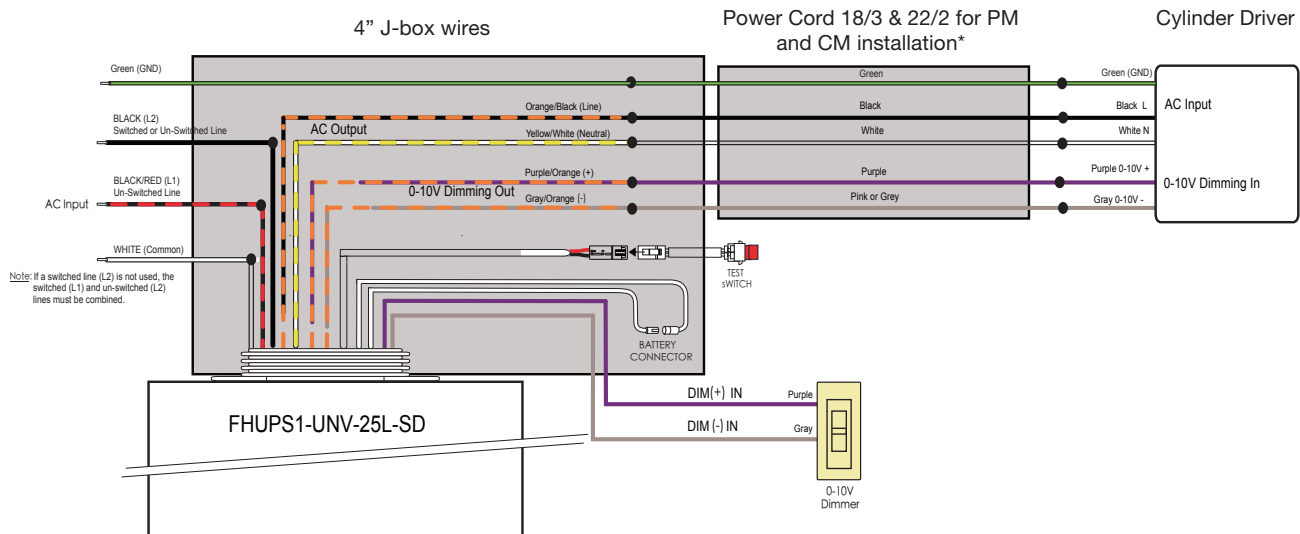


Field installable remote EM driver and Test button shown in surface mount installation. Electrical Box and Single gang j-box by others.

Field installable remote EM driver and Test button shown in Pendant Mount installation. Need to be use with 18-3/2-22 Type cord for FHUPS1-UNV-25L-SD or 18-4/22-2 for FHSCP-UNV-10.7WL/FHSCP-UNV-10.7WL-CEC Electrical Box and Single gang j-box by others.

Field installable remote EM driver and Test button shown in Cable Mount installation. Need to be use with 18-3/2-22 Type cord for FHUPS1-UNV-25L-SD or 18-4/22-2 for FHSCP-UNV-10.7WL/FHSCP-UNV-10.7WL-CEC Electrical Box and Single gang j-box by others.

## FHUPS1-UNV-25L-SD FIELD WIRING DIAGRAM INSTALLATION

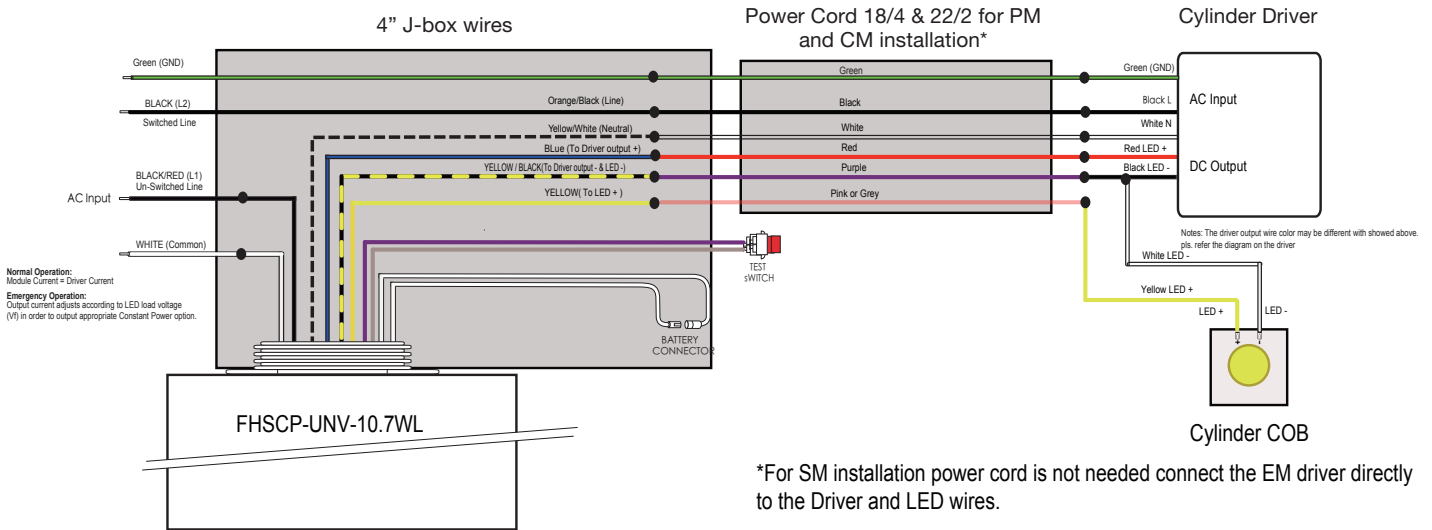


\*For SM installation power cord is not needed connect the EM driver directly to the Driver.



# PXCYL CYLINDER 6"

## FHSCP-UNV-10.7WL(-CEC) FIELD WIRING DIAGRAM INSTALLATION



### TECHNICAL INFORMATION

| Light Engine | Input Voltage | Input Frequency | Input Current  | Max. Input Power | THD Power | Power Factor |
|--------------|---------------|-----------------|----------------|------------------|-----------|--------------|
| LES          | 120-277V      | 50-60Hz         | 0.115 / 0.047A | 13W              | <20%      | >0.9         |
| LEM          |               |                 | 0.270 / 0.114A | 31.5W            |           |              |
| LE05         |               |                 | 0.056 / 0.024A | 6.5W             |           |              |
| LE07         |               |                 | 0.073 / 0.034A | 8.5W             |           |              |
| LE10         |               |                 | 0.112 / 0.047A | 13W              |           |              |
| LE15         |               |                 | 0.154 / 0.068A | 18W              |           |              |
| LE20         |               |                 | 0.218 / 0.092A | 25.5W            |           |              |
| LE25         |               |                 | 0.269 / 0.116A | 31.5W            |           |              |
| LE30         |               |                 | 0.318 / 0.133A | 37.5W            |           |              |
| LE40         |               |                 | 0.411 / 0.165A | 48.5W            |           |              |
| LE50         |               |                 | 0.487 / 0.203A | 57.5W            |           |              |



# PXCYL CYLINDER 6"

## NOMINAL PERFORMANCE

### LES (LE05 / LE07 / LE10) - Low / Medium / High - 6.5 / 8.5 / 12.5W

| CCT           | 2700K  |        |          | 3000K  |        |          | 3500K  |        |          | 4000K  |        |          | 5000K  |        |          |
|---------------|--------|--------|----------|--------|--------|----------|--------|--------|----------|--------|--------|----------|--------|--------|----------|
| Output**      | Low    | Medium | High     | Low    | Medium | High     | Low    | Medium | High     | Low    | Medium | High     | Low    | Medium | High     |
| Finish        | lm LPW | lm LPW | lm LPW   | lm LPW | lm LPW | lm LPW   | lm LPW | lm LPW | lm LPW   | lm LPW | lm LPW | lm LPW   | lm LPW | lm LPW | lm LPW   |
| Clear Diffuse | 500 77 | 700 82 | 1,000 80 | 525 81 | 735 86 | 1,050 84 | 550 85 | 770 91 | 1,100 88 | 575 88 | 805 95 | 1,150 92 | 580 89 | 810 95 | 1,165 93 |
| White Finish  | 500 77 | 700 82 | 1,000 80 | 525 81 | 735 86 | 1,050 84 | 550 85 | 770 91 | 1,100 88 | 575 88 | 805 95 | 1,150 92 | 580 89 | 810 95 | 1,165 93 |

### LEM (LE15 / LE20 / LE25) - Low / Medium / High - 18.0 / 25.5 / 31.5W

| CCT           | 2700K    |          |          | 3000K    |          |          | 3500K    |          |          | 4000K    |          |          | 5000K    |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Output**      | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     |
| Finish        | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   |
| Clear Diffuse | 1,600 89 | 2,125 83 | 2,500 79 | 1,632 91 | 2,169 85 | 2,550 81 | 1,664 92 | 2,210 87 | 2,600 83 | 1,696 94 | 2,253 88 | 2,650 84 | 1,713 95 | 2,275 89 | 2,677 85 |
| White Finish  | 1,600 89 | 2,125 83 | 2,500 79 | 1,632 91 | 2,169 85 | 2,550 81 | 1,664 92 | 2,210 87 | 2,600 83 | 1,696 94 | 2,253 88 | 2,650 84 | 1,713 95 | 2,275 89 | 2,677 85 |

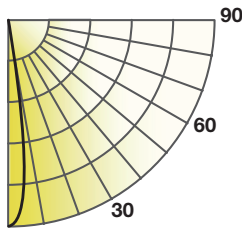
### LEL (LE30 / LE40 / LE50) - Low / Medium / High - 37.5 / 48.5 / 60.0W

| CCT           | 2700K    |          |          | 3000K    |          |          | 3500K    |          |          | 4000K    |          |          | 5000K    |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Output**      | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     |
| Finish        | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   |
| Clear Diffuse | 3,325 69 | 4,085 84 | 4,750 79 | 3,360 90 | 4,080 84 | 4,800 80 | 3,500 93 | 4,250 88 | 5,000 83 | 3,640 97 | 4,420 91 | 5,200 87 | 3,640 97 | 4,420 91 | 5,200 87 |
| White Finish  | 3,325 69 | 4,085 84 | 4,750 79 | 3,360 90 | 4,080 84 | 4,800 80 | 3,500 93 | 4,250 88 | 5,000 83 | 3,640 97 | 4,420 91 | 5,200 87 | 3,640 97 | 4,420 91 | 5,200 87 |

\*\* Lumen output are based on rated lumens, for exact value please refer to the IES files

## PHOTOMETRY

PXCYL6/xx/LES9035/KDIM010UNV/SP/xx/WH (High Output)



Lumens: 988 lm  
CBCP: 4,721 cd  
Power: 12 W  
Efficacy: 82 lm/W  
CRI: 92  
Spacing Criteria: 0.3  
Beam Angle: 18°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,928        |
| 20                       | 532          |
| 30                       | 306          |
| 40                       | 93           |
| 50                       | 11           |
| 60                       | 1            |
| 70                       | 0            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 45 | 3             |
| 10                  | 29 | 3             |
| 12                  | 20 | 4             |
| 15                  | 13 | 5             |
| 20                  | 7  | 6             |

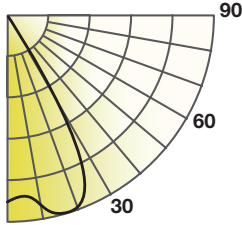
| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 815    | 85    |
| 0-40                | 880    | 89    |
| 0-60                | 981    | 99    |
| 0-90                | 987    | 100   |



# PXCYL CYLINDER 6"

## PHOTOMETRY

PXCYL6/xx/LES9035/KDIM010UNV/VN/xx/CC (High Output)



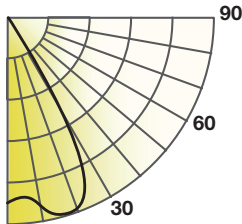
Lumens: 1,227 lm  
CBCP: 1,383 cd  
Power: 12 W  
Efficacy: 102 lm/W  
CRI: 92  
Spacing Criteria: 0.5  
Beam Angle: 27°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,313        |
| 20                       | 1,254        |
| 30                       | 673          |
| 40                       | 289          |
| 50                       | 7            |
| 60                       | 1            |
| 70                       | 0            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 30 | 4             |
| 10                  | 20 | 5             |
| 12                  | 14 | 6             |
| 15                  | 9  | 7             |
| 20                  | 5  | 10            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 971    | 79    |
| 0-40                | 1,201  | 98    |
| 0-60                | 1,226  | 100   |
| 0-90                | 1,160  | 90    |

PXCYL6/xx/LES9035/KDIM010UNV/NR/xx/CC (High Output)



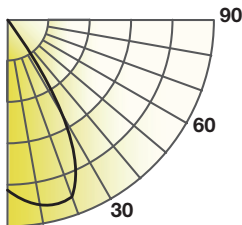
Lumens: 1,240 lm  
CBCP: 1,397 cd  
Power: 12 W  
Efficacy: 103 lm/W  
CRI: 92  
Spacing Criteria: 1.1  
Beam Angle: 44°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,326        |
| 20                       | 1,266        |
| 30                       | 727          |
| 40                       | 146          |
| 50                       | 7            |
| 60                       | 2            |
| 70                       | 0            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 31 | 6             |
| 10                  | 20 | 8             |
| 12                  | 14 | 10            |
| 15                  | 9  | 12            |
| 20                  | 5  | 16            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 981    | 79    |
| 0-40                | 1,213  | 98    |
| 0-60                | 1,238  | 99    |
| 0-90                | 1,239  | 100   |

PXCYL6/xx/LES9035/KDIM010UNV/MD/xx/CC (High Output)



Lumens: 1,240 lm  
CBCP: 1,397 cd  
Power: 13 W  
Efficacy: 103 lm/W  
CRI: 92  
Spacing Criteria: 0.90  
Beam Angle: 62°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,327        |
| 20                       | 1,267        |
| 30                       | 722          |
| 40                       | 143          |
| 50                       | 6            |
| 60                       | 2            |
| 70                       | 0            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 31 | 10            |
| 10                  | 20 | 12            |
| 12                  | 14 | 15            |
| 15                  | 9  | 18            |
| 20                  | 5  | 24            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 981    | 79    |
| 0-40                | 1,213  | 98    |
| 0-60                | 1,238  | 100   |
| 0-90                | 1,239  | 100   |

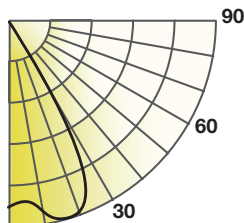




# PXCYL CYLINDER 6"

## PHOTOMETRY

PXCYL6/xx/LES9035/KDIM010UNV/WD/xx/CC (High Output)



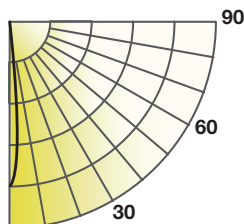
Lumens: 1,227 lm  
CBCP: 1,439 cd  
Power: 12 W  
Efficacy: 102 lm/W  
CRI: 92  
Spacing Criteria: 1.1  
Beam Angle: 82°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,361        |
| 20                       | 1,304        |
| 30                       | 743          |
| 40                       | 151          |
| 50                       | 7            |
| 60                       | 2            |
| 70                       | 0            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 32 | 14            |
| 10                  | 20 | 17            |
| 12                  | 14 | 21            |
| 15                  | 9  | 26            |
| 20                  | 5  | 35            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 1,010  | 79    |
| 0-40                | 1,249  | 98    |
| 0-60                | 1,275  | 100   |
| 0-90                | 1,276  | 100   |

PXCYL6/xx/LEM9035/KDIM010UNV/SP/xx/CC (High Output)



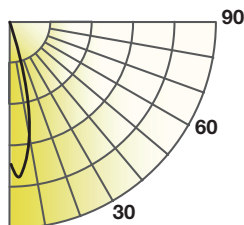
Lumens: 2,251 lm  
CBCP: 11,979 cd  
Power: 30 W  
Efficacy: 71 lm/W  
CRI: 92  
Spacing Criteria: 0.3  
Beam Angle: 18°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 503          |
| 20                       | 139          |
| 30                       | 66           |
| 40                       | 22           |
| 50                       | 3            |
| 60                       | 1            |
| 70                       | 0            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 12 | 3             |
| 10                  | 7  | 3             |
| 12                  | 5  | 4             |
| 15                  | 3  | 5             |
| 20                  | 2  | 6             |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 1,903  | 85    |
| 0-40                | 2,155  | 96    |
| 0-60                | 2,243  | 100   |
| 0-90                | 2,250  | 100   |

PXCYL6/xx/LEM9035/KDIM010UNV/VN/xx/WH (High Output)



Lumens: 2,830 lm  
CBCP: 11,387 cd  
Power: 30 W  
Efficacy: 91 lm/W  
CRI: 92  
Spacing Criteria: 0.4  
Beam Angle: 22°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 599          |
| 20                       | 266          |
| 30                       | 67           |
| 40                       | 9            |
| 50                       | 1            |
| 60                       | 0            |
| 70                       | 0            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 14 | 3             |
| 10                  | 9  | 4             |
| 12                  | 6  | 5             |
| 15                  | 4  | 6             |
| 20                  | 2  | 8             |

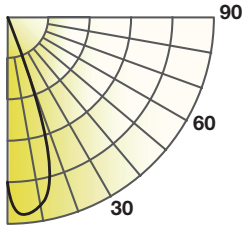
| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 2,612  | 92    |
| 0-40                | 2,780  | 98    |
| 0-60                | 2,825  | 100   |
| 0-90                | 2,829  | 100   |



# PXCYL CYLINDER 6"

## PHOTOMETRY

PXCYL6/xx/LEM9035/KDIM010UNV/NR/xx/CC (High Output)



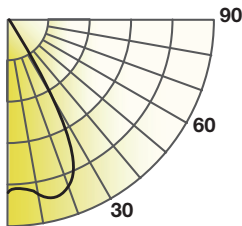
Lumens: 2,850 lm  
CBCP: 6,278 cd  
Power: 30 W  
Efficacy: 91 lm/W  
CRI: 92  
Spacing Criteria: 0.6  
Beam Angle: 41°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 5,750        |
| 20                       | 3,304        |
| 30                       | 917          |
| 40                       | 75           |
| 50                       | 11           |
| 60                       | 3            |
| 70                       | 1            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |     |               |
|---------------------|-----|---------------|
| Height (ft)         | Fc  | Diameter (ft) |
| 8                   | 134 | 6             |
| 10                  | 85  | 7             |
| 12                  | 59  | 9             |
| 15                  | 38  | 11            |
| 20                  | 21  | 15            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 2,644  | 93    |
| 0-40                | 2,818  | 99    |
| 0-60                | 2,846  | 100   |
| 0-90                | 2,848  | 100   |

PXCYL6/xx/LEM9035/KDIM010UNV/MD/xx/CC (High Output)



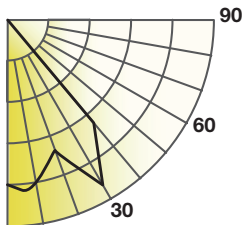
Lumens: 2,855 lm  
CBCP: 3,356 cd  
Power: 30 W  
Efficacy: 90 lm/W  
CRI: 92  
Spacing Criteria: 0.9  
Beam Angle: 61°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 3,156        |
| 20                       | 2,954        |
| 30                       | 1,605        |
| 40                       | 263          |
| 50                       | 15           |
| 60                       | 5            |
| 70                       | 2            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 73 | 9             |
| 10                  | 47 | 12            |
| 12                  | 33 | 14            |
| 15                  | 21 | 18            |
| 20                  | 12 | 24            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 2,307  | 80    |
| 0-40                | 2,801  | 98    |
| 0-60                | 2,849  | 100   |
| 0-90                | 2,852  | 100   |

PXCYL6/xx/LEM9035/KDIM010UNV/WD/xx/CC (High Output)



Lumens: 2,926 lm  
CBCP: 2,352 cd  
Power: 30 W  
Efficacy: 94 lm/W  
CRI: 92  
Spacing Criteria: 1.2  
Beam Angle: 80°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,841        |
| 20                       | 1,751        |
| 30                       | 2,234        |
| 40                       | 1,069        |
| 50                       | 36           |
| 60                       | 10           |
| 70                       | 4            |
| 80                       | 1            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 43 | 13            |
| 10                  | 27 | 17            |
| 12                  | 19 | 20            |
| 15                  | 12 | 25            |
| 20                  | 7  | 33            |

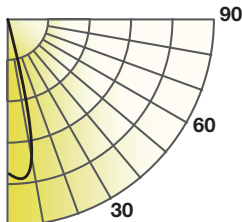
| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 1,612  | 55    |
| 0-40                | 2,654  | 91    |
| 0-60                | 2,912  | 100   |
| 0-90                | 2,922  | 100   |



# PXCYL CYLINDER 6"

## PHOTOMETRY

PXCYL6/xx/LEL9035/KDIM010UNV/VN/xx/CC (High Output)



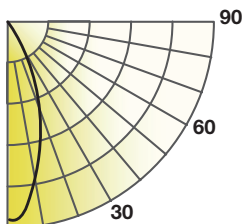
Lumens: 4,962 lm  
CBCP: 11,865 cd  
Power: 60 W  
Efficacy: 90 lm/W  
CRI: 92  
Spacing Criteria: 0.5  
Beam Angle: 32°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 852          |
| 20                       | 483          |
| 30                       | 193          |
| 40                       | 26           |
| 50                       | 5            |
| 60                       | 2            |
| 70                       | 1            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 20 | 5             |
| 10                  | 13 | 6             |
| 12                  | 9  | 7             |
| 15                  | 6  | 9             |
| 20                  | 3  | 11            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 4,347  | 88    |
| 0-40                | 4,809  | 97    |
| 0-60                | 4,941  | 100   |
| 0-90                | 4,957  | 100   |

PXCYL6/xx/LEL9035/KDIM010UNV/NR/xx/CC (High Output)



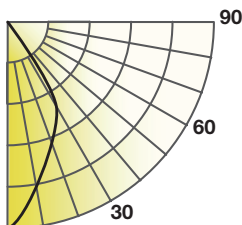
Lumens: 5,249 lm  
CBCP: 9,786 cd  
Power: 60 W  
Efficacy: 95 lm/W  
CRI: 92  
Spacing Criteria: 0.7  
Beam Angle: 45°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 7,983        |
| 20                       | 5,461        |
| 30                       | 2,357        |
| 40                       | 211          |
| 50                       | 33           |
| 60                       | 11           |
| 70                       | 4            |
| 80                       | 1            |
| 90                       | 0            |

| Initial Footcandles |     |               |
|---------------------|-----|---------------|
| Height (ft)         | Fc  | Diameter (ft) |
| 8                   | 185 | 7             |
| 10                  | 119 | 8             |
| 12                  | 82  | 10            |
| 15                  | 53  | 12            |
| 20                  | 30  | 16            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 4,524  | 86    |
| 0-40                | 5,153  | 98    |
| 0-60                | 5,234  | 100   |
| 0-90                | 5,244  | 100   |

PXCYL6/xx/LEL9035/KDIM010UNV/MD/xx/CC (High Output)



Lumens: 5,308 lm  
CBCP: 7,096 cd  
Power: 60 W  
Efficacy: 96 lm/W  
CRI: 92  
Spacing Criteria: 0.8  
Beam Angle: 57°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 6,222        |
| 20                       | 4,634        |
| 30                       | 3,246        |
| 40                       | 716          |
| 50                       | 40           |
| 60                       | 13           |
| 70                       | 5            |
| 80                       | 1            |
| 90                       | 0            |

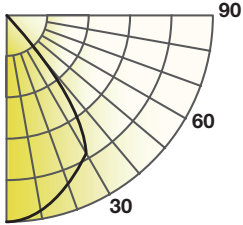
| Initial Footcandles |     |               |
|---------------------|-----|---------------|
| Height (ft)         | Fc  | Diameter (ft) |
| 8                   | 145 | 9             |
| 10                  | 92  | 11            |
| 12                  | 64  | 13            |
| 15                  | 41  | 16            |
| 20                  | 23  | 22            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 3,975  | 75    |
| 0-40                | 5,138  | 97    |
| 0-60                | 5,291  | 100   |
| 0-90                | 5,302  | 100   |

# PXCYL CYLINDER 6"

## PHOTOMETRY

PXCYL6/xx/LEL9030/KDIM010UNV/WD/xx/CC (High Output)



Lumens: 5,419 lm  
 CBCP: 4,575 cd  
 Power: 60 W  
 Efficacy: 98 lm/W  
 CRI: 92  
 Spacing Criteria: 1.1  
 Beam Angle: 72°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 4,277        |
| 20                       | 4,119        |
| 30                       | 3,539        |
| 40                       | 1,539        |
| 50                       | 96           |
| 60                       | 29           |
| 70                       | 11           |
| 80                       | 4            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 99 | 12            |
| 10                  | 64 | 15            |
| 12                  | 44 | 18            |
| 15                  | 28 | 22            |
| 20                  | 16 | 29            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 3,390  | 63    |
| 0-40                | 4,970  | 92    |
| 0-60                | 5,385  | 99    |
| 0-90                | 5,411  | 100   |

Note: All rights reserved. All sizes and specifications are subject to change at any time without notice.