

## FEATURES

- 6" architectural LED downlight cylinder delivering 600–7000 lm
- Five beam distributions from 0.4 to 1.2 Spacing Criteria
- Quiet reflector appearance with 50° optical cutoff
- 2700K–5000K, 80+ and 90+ CRI options
- Available in Surface, Wall, Pendant, or Cord Mount configurations
- Versatile canopy options for recessed and surface-mounted J-box applications
- Variety of dimming protocol options including 0–10V, DALI, DMX, and Lutron EcoSystem



(Select Models)



(-BAA Option)



(-TAA Option)

## CONTROL TECHNOLOGY



## SPECIFICATIONS

### CONSTRUCTION

- Seamless heavy gauge aluminum cylinder body with a clean appearance
- Available in Surface (S), Wall (W), Pendant (P), or Cable/Cord (CM) mounting types
- Canopy options include Conduit Canopy (CC), Power Canopy (PC), Power Conduit Canopy (PCC), or Recessed Mount Driver (RMD), (See Dimensions section for details)
- For S, P, or CM mounting with CC or PCC canopy options, use 4" octagonal junction box (by others)
- All Wall Mount: Die cast aluminum mounting arm allows direct mounting to standard 4" octagonal or square junction box
- Pendant Mount canopy options allow sloped ceiling up to 35° (5° for RMD)
- Select from 4 standard architectural painted finishes, Brushed Aluminum, or specified custom color

### OPTICS

- Visually pleasing 50° cutoff to source and source image
- The light distribution is free of distracting bright spots or pixelation and the perimeter has a smooth transition
- Optical grade silicone lens integral to light engine
- High purity four panel aluminum reflector, self-flanged
- Large selection of anodized finishes and colors
- Painted cones and flange options available

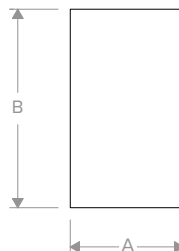
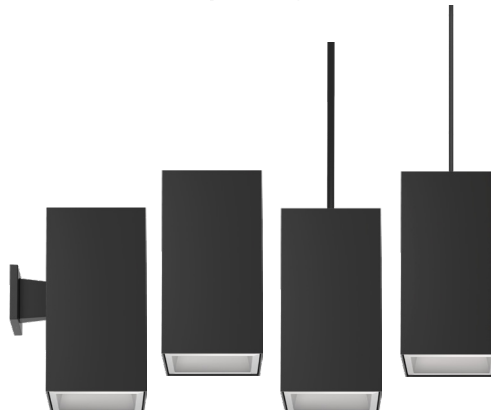
### ELECTRICAL

- Chip-on-board (COB) with 2 SDCM
- Multiple CCTs, 80+ or 90+ CRI
- Long LED life: L90 at >55,000 (TM-21)
- Universal voltage 120V-277V driver, 347V optional
- UL Class 2, inherent short circuit and overload protection
- Flicker free 0–10V dimming with 1% or < 1% performance
- DALI, DMX, and Lutron EcoSystem options
- NX Lighting Controls provides options for standalone and networked functionality with wired or wireless connectivity for NX system deployments
- Refer to additional spec sheets for information on SpectraSync™ Tunable White or Dim-to-Warm solutions

### INSTALLATION

- Light Engine/Trim assembly is mechanically secured with torsion springs for ease of installation
- A quick connect is provided for easy maintenance or upgrade
- Recessed Mount Driver (RMD) is accessible from above or below ceiling; assembly mounts with 1/4-20 threaded rod (by others) and requires 6" plenum clearance
- Conduit Canopy options (CC or PCC) allow field selectable conduit entry (up to 4@ 90°) (See Dimensions section)
- Conduit Canopies utilize a patent pending mounting yoke to secure cylinder to the ceiling surface
- Cord can be cut in the field to custom length
- Standard and Custom Pendant lengths available (specify when ordering)

## LITEISTRY™



### Typical Dimensions and Weights

| Lumen Package | "A" Width Inches (mm) | "B" Height Inches (mm) | Weight lbs (kg) |
|---------------|-----------------------|------------------------|-----------------|
| 06L–15L       | 7.59 (190)            | 14 (356)               | 22.8 (10.4)     |
| 20L–30L       | 7.59 (190)            | 14 (356)               | 23.2 (10.5)     |
| 35L–45L       | 7.59 (190)            | 14 (356)               | 23.8 (10.8)     |
| 50L–70L       | 7.59 (190)            | 14 (356)               | 25.5 (11.6)     |

See DIMENSIONS section for complete details

### CERTIFICATIONS

- cCSAus certified to UL 1598
- Wall Mount up to 55L (except CC and PCC): Suitable for wet locations
- Pendant Mount up to 55L (except CC and PCC): Suitable for wet locations under covered ceiling
- 60L & 70L Pendant & Wall, all Surface & Cable/Cord Mount and all CC and PCC: Suitable for damp locations
- All with EM options: Suitable for Damp location
- EM: Certified under UL924 standard for emergency lighting and power equipment
- EM: Emergency battery packs are California Energy Commission (CEC) Title 20 Compliant
- For -BAA Option: This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9). [See Buy America\(n\) Solutions](#)
- For -TAA Option: Product configurations meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11). [See Buy America\(n\) Solutions](#)

### WARRANTY

- 5 year warranty

### KEY DATA

| Lumen Range              | 600–7000      |
|--------------------------|---------------|
| Wattage Range            | 8–72          |
| Efficacy Range (LPW)     | 87–99*        |
| Reported Life (Hours)    | L90 / >55,000 |
| Input Current Range (mA) | 67–600 (120V) |

\*Based on Specular, 35K, 80 CRI

## ORDERING GUIDE

Example: LTC-6SQD-CM15WHPCC-DM1-SS-WH

CATALOG #

| LTC-6SQD                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                       |
|---------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aperture/Shape/Function               |  | Cylinder Mounting                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Canopy Option                                                                                                                                                                                                                                                                                                                   | Lumen Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CCT CRI                                                                                                                                               |
| LTC-6SQD 6" Square Downlight Cylinder |  | <b>S</b> Surface<br><b>W</b> Wall<br><b>P</b> Pendant (Standard)<br>Nominal 18" length from cylinder top to ceiling <sup>9</sup><br><b>P_</b> Pendant (Custom)<br>Specify length from cylinder top to ceiling in 1 inch increments from 15 to 60 <sup>9</sup><br><b>Cord</b> <sup>5, 12</sup><br><b>CM</b> 6ft Clear Cord<br><b>CMBL</b> 6ft Black Cord<br><b>CMWH</b> 6ft White Cord<br><b>CM15</b> 15ft Clear Cord<br><b>CM15BL</b> 15ft Black Cord<br><b>CM15WH</b> 15ft White Cord | Refer to chart on Page 3 for available canopy options based on driver/controls selection<br><b>Standard Canopy</b> <sup>3, 8</sup><br><b>CC</b> Conduit Canopy <sup>3, 8</sup><br><b>PC</b> Power Canopy <sup>3, 8</sup><br><b>PCC</b> Power Conduit Canopy <sup>3, 8</sup><br><b>RMD</b> Recessed Mount Driver <sup>3, 8</sup> | <b>06L</b> 600 Lumens <sup>3</sup><br><b>10L</b> 1000 Lumens <sup>3</sup><br><b>15L</b> 1500 Lumens <sup>3</sup><br><b>20L</b> 2000 Lumens <sup>3</sup><br><b>25L</b> 2500 Lumens <sup>3</sup><br><b>30L</b> 3000 Lumens <sup>3</sup><br><b>35L</b> 3500 Lumens <sup>3</sup><br><b>40L</b> 4000 Lumens <sup>3</sup><br><b>45L</b> 4500 Lumens <sup>3</sup><br><b>50L</b> 5000 Lumens <sup>3</sup><br><b>55L</b> 5500 Lumens <sup>3</sup><br><b>60L</b> 6000 Lumens <sup>3, 7</sup><br><b>70L</b> 7000 Lumens <sup>3, 7</sup> | <b>27K</b> 2700K<br><b>30K</b> 3000K<br><b>35K</b> 3500K<br><b>40K</b> 4000K<br><b>50K</b> 5000K <sup>1</sup><br><b>8</b> 80+ CRI<br><b>9</b> 90+ CRI |

| Distribution                 |  | Driver Options                                         | Control Options                                                                                                                                                           | Voltage                        | Options                                                                                                                      | Reflector Finish                                         | Reflector Color                         |
|------------------------------|--|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|
| VNR Very Narrow (0.4 SC/25°) |  | <b>DM1</b> 0–10V Dimming to 1% <sup>3</sup>            | <b>NX Lighting Controls</b><br><b>Networked Wireless</b><br><b>NXW</b> NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor <sup>2, 3</sup> | Standard 120–277V              | <b>EM</b> 6W Emergency Battery Pack (CEC Title 20 Compliant) with integral test switch and indicator light <sup>11, 12</sup> | Finish not applicable with painted reflectors (WC or BC) | Standard Clear                          |
| NR Narrow (0.6 SC/36°)       |  | <b>DMX</b> 0–10V Dimming to <1% <sup>3</sup>           |                                                                                                                                                                           | <b>34</b> 347V <sup>3, 6</sup> |                                                                                                                              | <b>S</b> Specular                                        | <b>CG</b> Champagne Gold                |
| MD Medium (0.7 SC/43°)       |  | <b>DALI</b> DMX with RDM dimming to <0.1% <sup>3</sup> |                                                                                                                                                                           |                                |                                                                                                                              | <b>SS</b> Semi-Specular                                  | <b>BL</b> Black                         |
| WD Wide (1.0 SC/65°)         |  | <b>EDM</b> DALI Dimming to 1% <sup>3</sup>             | <b>Networked Wired</b><br><b>NXE</b> NX Wired Dual RJ45 SmartPORTS, without Sensor <sup>2, 3</sup>                                                                        |                                |                                                                                                                              | <b>VS</b> Softglow®                                      | <b>LW</b> Light Wheat                   |
| XW Extra Wide (1.2 SC/69°)   |  |                                                        |                                                                                                                                                                           |                                |                                                                                                                              |                                                          | <b>PW</b> Pewter                        |
|                              |  |                                                        |                                                                                                                                                                           |                                |                                                                                                                              |                                                          | <b>WC</b> Painted White Cone and Flange |
|                              |  |                                                        |                                                                                                                                                                           |                                |                                                                                                                              |                                                          | <b>BC</b> Painted Black Cone and Flange |

| Flange Color Options                | Exterior Cylinder Color                                                                                           | Options                                                   |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Standard matches reflector color    |                                                                                                                   |                                                           |
| <b>WT</b> White Flange <sup>4</sup> | <b>BA</b> Brushed Aluminum <sup>10</sup>                                                                          | <b>BAA</b> Buy American Act (FAR 52.225-9) Compliant      |
| <b>BT</b> Black Flange <sup>4</sup> | <b>BZ</b> Bronze                                                                                                  | <b>TAA</b> Trade Agreements Act (FAR 52.225-11) Compliant |
|                                     | <b>BL</b> Matte Black                                                                                             |                                                           |
|                                     | <b>WH</b> Matte White                                                                                             |                                                           |
|                                     | <b>SVR</b> Silver                                                                                                 |                                                           |
|                                     | <b>CC_</b> Custom Color (Specify RAL#, Example: CCRAL1073)                                                        |                                                           |
|                                     | <b>TCC_</b> True Custom Color (Specify description, Example: TCC BABY BLUE, Paint chip must be provided to match) |                                                           |

### Notes:

- 5000K available in 80+ CRI only.
- NX requires DM1 driver option.
- For lumen outputs/configurations available, see chart on page 3.
- WT not needed for WC, BT not needed for BC.
- Cord can be cut in the field to custom length.
- 347V requires DM1 driver; not available with Controls or EM.
- 60L and 70L require vented cylinder.
- See Dimensions section for canopy configuration details.
- Stem length varies by canopy configuration. See Dimensions section for details.
- Canopy color for Brushed Aluminum is Black.
- EM for use with DM1 driver option only.
- Direct Cord Mount up to 30L; above 30L and EM will be Cable and Cord Mount.

## DRIVER/CONTROL OPTION AVAILABILITY

Driver and Control options listed below are available in the configurations and lumen packages as shown.

| Driver/Control Option |                                    | Cylinder Mounting <sup>1</sup> | Canopy Options <sup>2</sup> | 06L <sup>6</sup> | 10L <sup>6</sup> | 15L <sup>6</sup> | 20L <sup>6</sup> | 25L <sup>6</sup> | 30L <sup>6</sup> | 35L <sup>7</sup> | 40L <sup>7</sup> | 45L <sup>7</sup> | 50L <sup>7</sup> | 55L <sup>7</sup> | 60L <sup>7</sup> | 70L <sup>7</sup> |
|-----------------------|------------------------------------|--------------------------------|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| DM1                   | 0–10V 1%                           | W                              | Standard/CC                 | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ▼                | ▼                |
|                       |                                    | P/S/CM                         | Standard/CC                 | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ▼                | ▼                |
| DM01                  | 0–10V <1%                          | W                              | Standard/CC                 | ●                | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |                  |
|                       |                                    | P/S/CM                         | Standard/CC                 | ●                | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |                  |
| DALI                  | DALI 1%                            | W                              | Standard/CC                 | ●                | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |                  |
|                       |                                    | P/S/CM                         | Standard/CC                 | ●                | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |                  |
| DMX                   | DMX w/<br>RDM <0.1%                | W                              | Standard/CC                 | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                |                  |                  |
|                       |                                    | P/S/CM                         | PC/PCC                      | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                |                  |                  |
|                       |                                    |                                | RMD <sup>5</sup>            | ●                | ●                | ●                | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |
|                       |                                    |                                | RMD                         | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                | ●                |                  |
| EDM                   | Lutron<br>Hi-Lume<br>EcoSysytem 1% | W                              | Standard/CC                 |                  | ●                | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |
|                       |                                    | P/S/CM                         | Standard/CC                 |                  | ●                | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |
| 347V <sup>3</sup>     | 347 Volts<br>(DM1 required)        | W                              | Standard/CC                 | ●                | ●                | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |
|                       |                                    | P/S/CM                         | Standard/CC                 | ●                | ●                | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |
| NXE                   | NX<br>(DM1 required)               | W                              | PC/PCC                      | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                       |                                    | P/S/CM                         | PC/PCC/RMD                  | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| NXW                   | NX Wireless<br>(DM1 required)      | W                              | PC/PCC                      | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                       |                                    | S                              | RMD                         | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|                       |                                    | P/CM                           | PC/PCC/RMD                  | ●                | ●                | ●                | ●                |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Driver/EM Option      |                                    | Cylinder Mounting <sup>1</sup> | Canopy Options <sup>2</sup> | 06L <sup>7</sup> | 10L <sup>7</sup> | 15L <sup>7</sup> | 20L <sup>7</sup> | 25L <sup>7</sup> | 30L <sup>7</sup> |                  |                  |                  |                  |                  |                  |                  |
| DM1                   | 0–10V 1%                           | W                              | Standard/CC                 | ●                | ●                | ●                | ●                | ●                | ▼                |                  |                  |                  |                  |                  |                  |                  |
|                       |                                    | P/S/CM                         | Standard/CC                 | ●                | ●                | ●                | ●                | ●                | ▼                |                  |                  |                  |                  |                  |                  |                  |

▼ Vented cylinder required, see line art for more details.

1 See Cylinder Mounting chart.

2 See Canopy Options chart and Dimensions section for details.

3 Not available with Controls or EM.

4 RMD is Non-IC rated unless noted.

5 IC Rated.

6 Direct Cord Mount

7 Cable and Cord Mount

| Cylinder Mounting |               |
|-------------------|---------------|
| W                 | Wall Mount    |
| S                 | Surface Mount |
| CM                | Cord Mount    |
| P                 | Pendant Mount |

| Canopy Options |                                    |
|----------------|------------------------------------|
| (Blank)        | Standard Canopy                    |
| CC             | Conduit Canopy                     |
| PC             | Power Canopy                       |
| PCC            | Power Conduit Canopy               |
| RMD            | Recessed Mount Driver <sup>4</sup> |

DATE:LOCATION:

TYPE:PROJECT:

CATALOG #:

NX LIGHTING CONTROLS



| Control Option Ordering Logic & Description |     |                                                                                    | Control Option Functionality |          |            |                  |                     |               |                |                           | Control Option Components                                                           |         |
|---------------------------------------------|-----|------------------------------------------------------------------------------------|------------------------------|----------|------------|------------------|---------------------|---------------|----------------|---------------------------|-------------------------------------------------------------------------------------|---------|
|                                             |     |                                                                                    | Networkable                  | Grouping | Scheduling | Occupancy/Motion | Daylight Harvesting | 0-10V Dimming | On/Off Control | Bluetooth App Programming |                                                                                     |         |
| NX Wireless                                 | NXW | NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor | ✓                            | ✓        | ✓          | -                | -                   | ✓             | ✓              | ✓                         |  | NXRM2-H |
| NX Wired                                    | NXE | NX Wired Dual RJ45 SmartPORTS, without Sensor                                      | ✓                            | ✓        | ✓          | -                | -                   | ✓             | ✓              | ✓ <sup>1</sup>            |  | NXDSP   |

1 Requires NXBTC, order separately.

NX LIGHTING CONTROLS APP



The NX Lighting Controls App is a free to use mobile application for programming both an NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enabled luminaires and program your NX system settings.



Android



Apple iOS

## PERFORMANCE DATA TABLE

Performance data provided below is for 3500K, 80 CRI with Specular Clear reflector finish/color

| Lumen Package | Nominal Lumens | Distribution | Delivered Lumens | Watts | LPW |
|---------------|----------------|--------------|------------------|-------|-----|
| 06L           | 600            | Very Narrow  | 723              | 7.8   | 93  |
|               |                | Narrow       | 757              | 7.8   | 97  |
|               |                | Medium       | 708              | 7.8   | 91  |
|               |                | Wide         | 600              | 7.8   | 77  |
|               |                | Extra Wide   | 567              | 7.8   | 73  |
| 10L           | 1000           | Very Narrow  | 1155             | 12.0  | 96  |
|               |                | Narrow       | 1210             | 12.0  | 101 |
|               |                | Medium       | 1131             | 12.0  | 94  |
|               |                | Wide         | 958              | 12.0  | 80  |
|               |                | Extra Wide   | 906              | 12.0  | 76  |
| 15L           | 1500           | Very Narrow  | 1660             | 18.7  | 89  |
|               |                | Narrow       | 1738             | 18.7  | 93  |
|               |                | Medium       | 1624             | 18.7  | 87  |
|               |                | Wide         | 1377             | 18.7  | 74  |
|               |                | Extra Wide   | 1302             | 18.7  | 70  |
| 20L           | 2000           | Very Narrow  | 2282             | 22.7  | 101 |
|               |                | Narrow       | 2282             | 22.8  | 100 |
|               |                | Medium       | 2206             | 22.8  | 97  |
|               |                | Wide         | 2031             | 22.8  | 89  |
|               |                | Extra Wide   | 1975             | 22.8  | 87  |
| 25L           | 2500           | Very Narrow  | 2774             | 27.7  | 100 |
|               |                | Narrow       | 2903             | 27.7  | 105 |
|               |                | Medium       | 2714             | 27.7  | 98  |
|               |                | Wide         | 2300             | 27.7  | 83  |
|               |                | Extra Wide   | 2176             | 27.7  | 79  |
| 30L           | 3000           | Very Narrow  | 3305             | 34.3  | 96  |
|               |                | Narrow       | 3460             | 34.3  | 101 |
|               |                | Medium       | 3234             | 34.3  | 94  |
|               |                | Wide         | 2741             | 34.3  | 80  |
|               |                | Extra Wide   | 2593             | 34.3  | 76  |
| 35L           | 3500           | Very Narrow  | 4015             | 43.0  | 93  |
|               |                | Narrow       | 4203             | 43.0  | 98  |
|               |                | Medium       | 3928             | 43.0  | 91  |
|               |                | Wide         | 3329             | 43.0  | 77  |
|               |                | Extra Wide   | 3149             | 43.0  | 73  |
| 40L           | 4000           | Very Narrow  | 4589             | 51.6  | 89  |
|               |                | Narrow       | 4804             | 51.6  | 93  |
|               |                | Medium       | 4491             | 51.6  | 87  |
|               |                | Wide         | 3806             | 51.6  | 74  |
|               |                | Extra Wide   | 3600             | 51.6  | 70  |
| 45L           | 4500           | Very Narrow  | 4817             | 55.1  | 87  |
|               |                | Narrow       | 5042             | 55.1  | 92  |
|               |                | Medium       | 4713             | 55.1  | 86  |
|               |                | Wide         | 3994             | 55.1  | 72  |
|               |                | Extra Wide   | 3778             | 55.1  | 69  |



LTC-6SQD

LITEISTRY 6" SQUARE CYLINDER

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

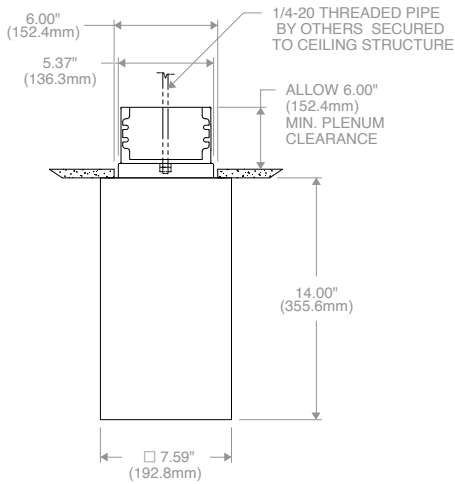
PERFORMANCE DATA TABLE CONTINUED

Performance data provided below is for 3500K, 80 CRI with Specular Clear reflector finish/color

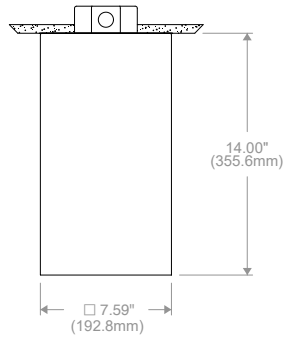
| Lumen Package | Nominal Lumens | Distribution | Delivered Lumens | Watts | LPW |
|---------------|----------------|--------------|------------------|-------|-----|
| 50L           | 5000           | Very Narrow  | 5147             | 48.7  | 106 |
|               |                | Narrow       | 5388             | 48.7  | 111 |
|               |                | Medium       | 5037             | 48.7  | 103 |
|               |                | Wide         | 4268             | 48.7  | 88  |
|               |                | Extra Wide   | 4038             | 48.7  | 83  |
| 55L           | 5500           | Very Narrow  | 5708             | 53.9  | 106 |
|               |                | Narrow       | 5975             | 53.9  | 111 |
|               |                | Medium       | 5585             | 53.9  | 104 |
|               |                | Wide         | 4734             | 53.9  | 88  |
|               |                | Extra Wide   | 4478             | 53.9  | 83  |
| 60L           | 6000           | Very Narrow  | 6358             | 60.7  | 105 |
|               |                | Narrow       | 6656             | 60.7  | 110 |
|               |                | Medium       | 6221             | 60.7  | 103 |
|               |                | Wide         | 5273             | 60.7  | 87  |
|               |                | Extra Wide   | 4987             | 60.7  | 82  |
| 70L           | 7000           | Very Narrow  | 7413             | 72.1  | 103 |
|               |                | Narrow       | 7760             | 72.1  | 108 |
|               |                | Medium       | 7254             | 72.1  | 101 |
|               |                | Wide         | 6147             | 72.1  | 85  |
|               |                | Extra Wide   | 5815             | 72.1  | 81  |

## DIMENSIONS

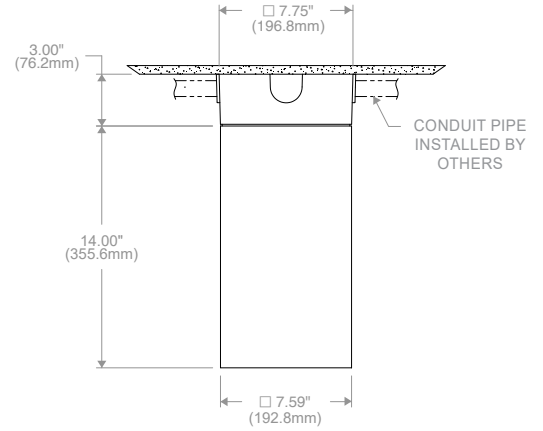
### SURFACE (S)



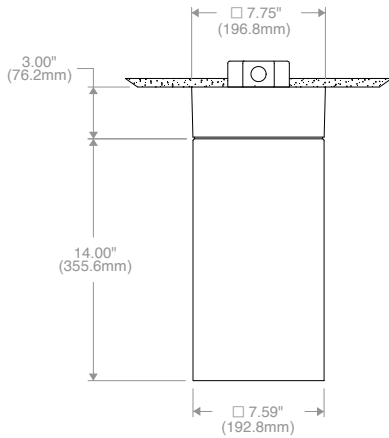
**Surface  
Recessed Mount Driver  
SRMD**



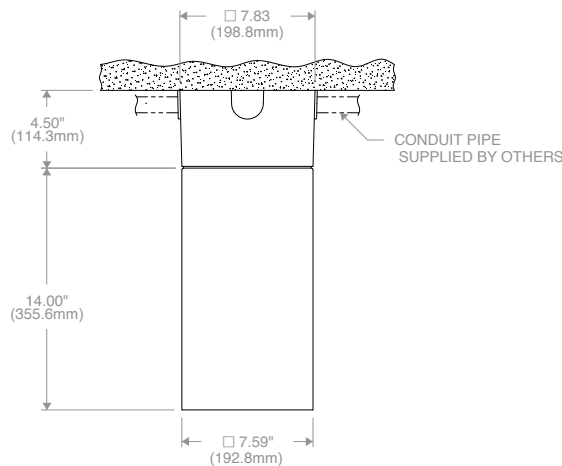
**Surface  
Standard Canopy  
S**



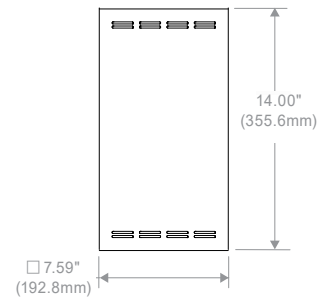
**Surface  
Conduit Canopy  
SCC**



**Surface  
Power Canopy  
SPC**



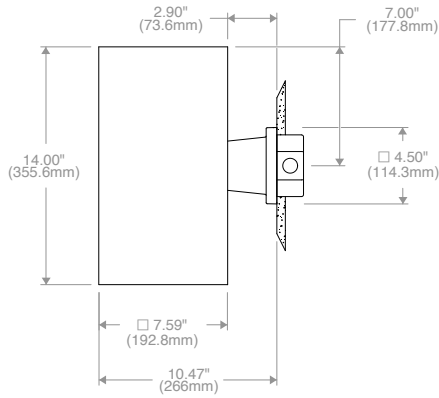
**Surface  
Power Conduit Canopy  
SPCC**



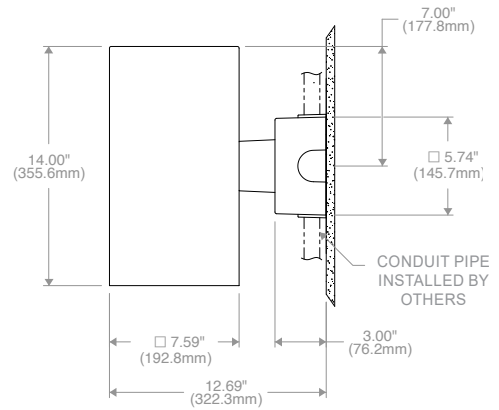
**Vented Detail View  
(60L & 70L)  
(All Mountings)**

## DIMENSIONS

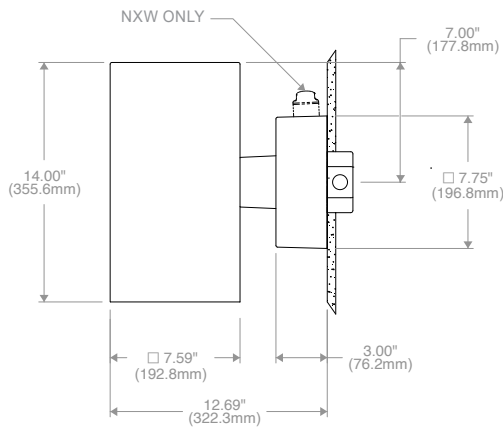
### WALL (W)



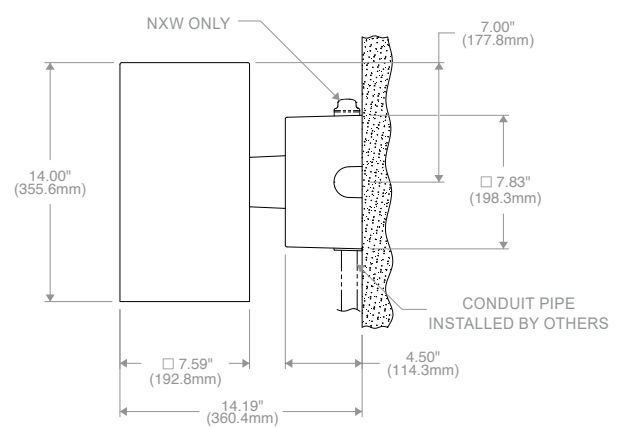
**Wall  
Standard Canopy  
W**



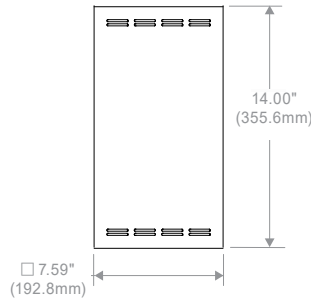
**Wall  
Conduit Canopy  
WCC**



**Wall  
Power Canopy  
WPC**



**Wall  
Power Conduit Canopy  
WPC**



**Vented Detail View  
(60L & 70L)  
(All Mountings)**

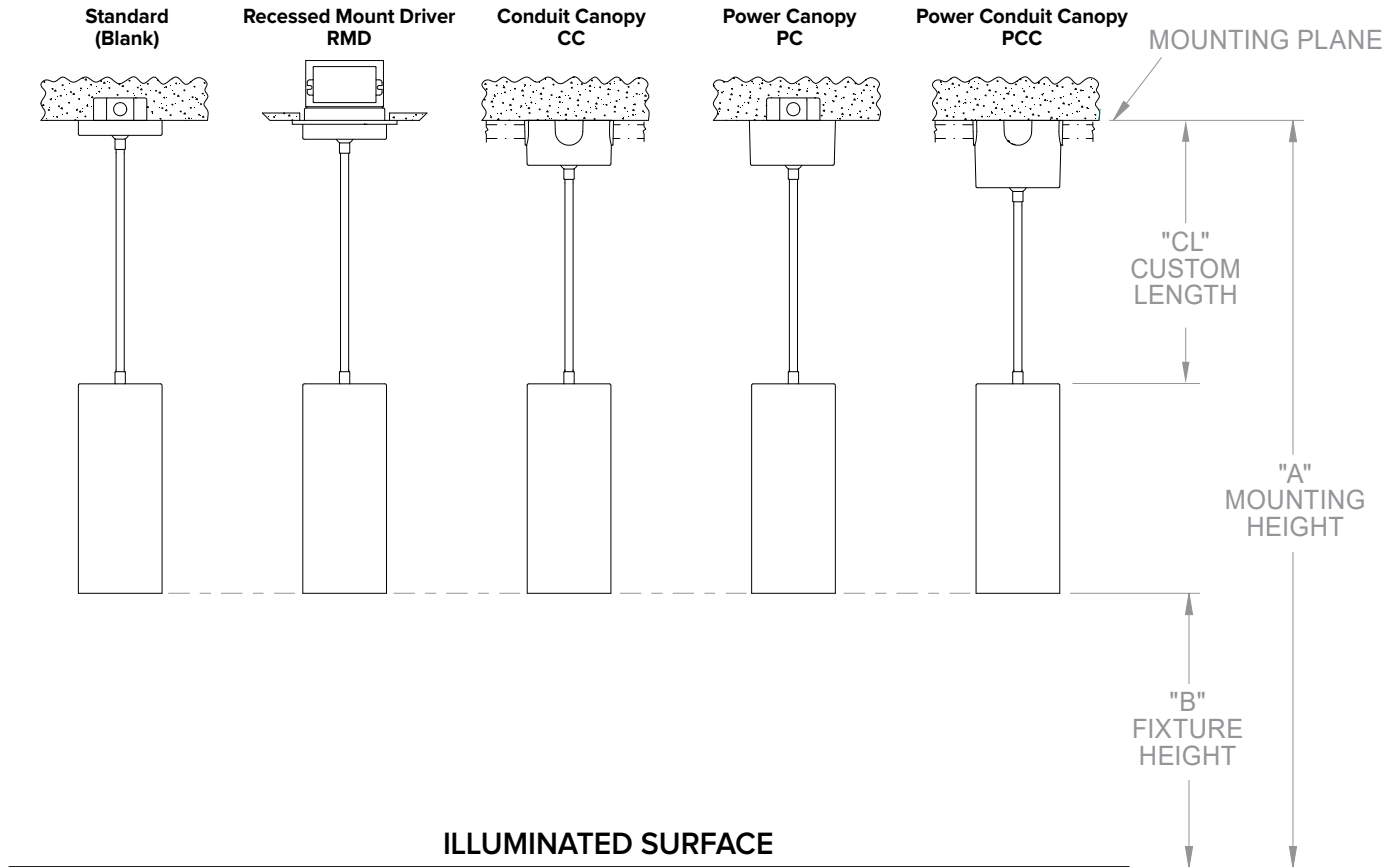


**Vented Detail View  
(60L & 70L)  
(All Mountings)**



**DIMENSIONS**

**PENDANT CUSTOM LENGTH**



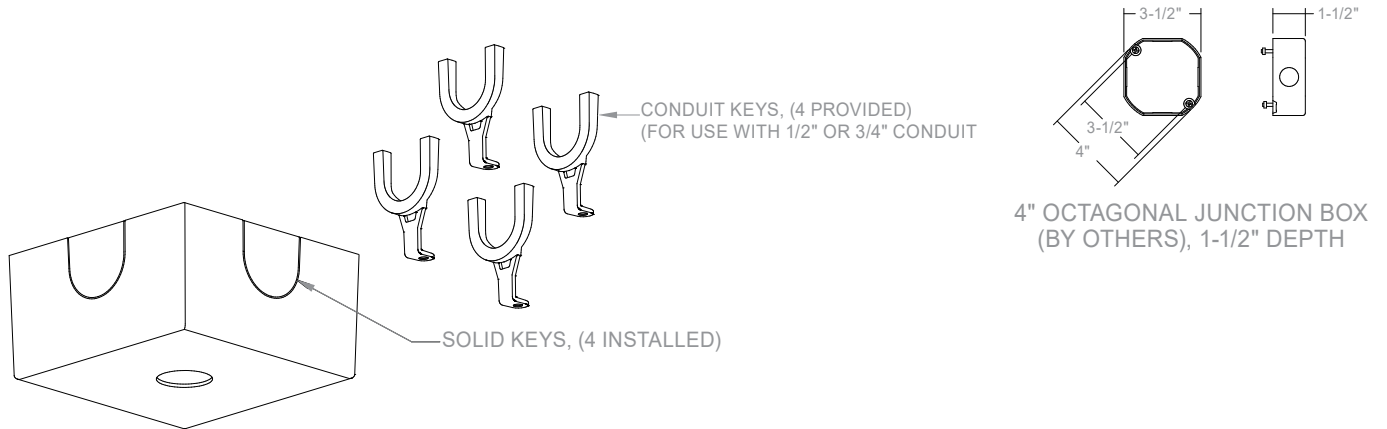
Custom Length (CL) = Mounting Height (A) - Fixture Height (B) - 14" Cylinder

Ordering Example:

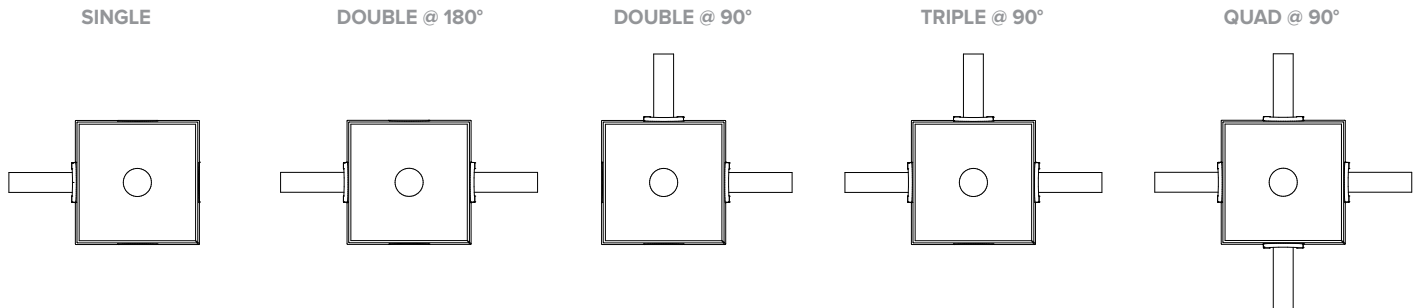
A (120") - B (72") - 14" = 34" Custom Length  
LTC-6SQD-P34

### CONDUIT CANOPY DETAILS

CC and PCC Conduit Canopy options come standard with (4) Solid Keys installed and (4) Conduit Keys provided.  
Accommodates a 4" octagonal junction box with 1-1/2" depth (by others).



### CONDUIT MOUNTING EXAMPLES - FIELD INTERCHANGEABLE



## PHOTOMETRY

### LTC-6SQD-P-20L35K8VNR-DM1-S-BL

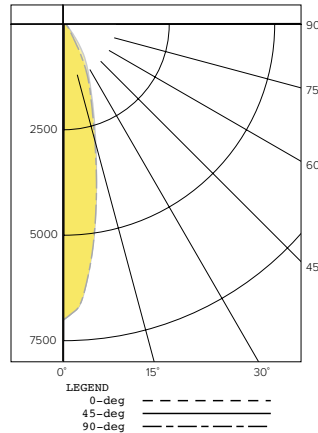
#### LUMINAIRE DATA

|                   |                                     |
|-------------------|-------------------------------------|
| Test No.          | R19.00934-C01                       |
| Description       | 2000 lm, Very Narrow, 3500K, 80 CRI |
| Delivered Lumens  | 2282                                |
| Watts             | 22.8W                               |
| Efficacy          | 100                                 |
| Mounting          | Recessed                            |
| Spacing Criterion | 0.4                                 |
| Beam Angle (FWHM) | 25                                  |

#### ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40  | 2282   | 95.1        |
| 0-60  | 2274   | 99.7        |
| 0-90  | 2282   | 100.0       |
| 0-180 | 2282   | 100.0       |

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

| Degree | Candela - 0 | Candela - 45 | Candela - 90 |
|--------|-------------|--------------|--------------|
| 0      | 7034        | 7034         | 7034         |
| 5      | 6158        | 6172         | 6176         |
| 15     | 2778        | 2894         | 2806         |
| 25     | 1214        | 1390         | 1221         |
| 35     | 266         | 580          | 269          |
| 45     | 88          | 116          | 90           |
| 55     | 17          | 23           | 21           |
| 65     | 4           | 4            | 4            |
| 75     | 2           | 2            | 2            |
| 85     | 0           | 1            | 0            |
| 90     | 0           | 0            | 0            |

### LTC-6SQD-P-20L35K8NR-DM1-S-BL

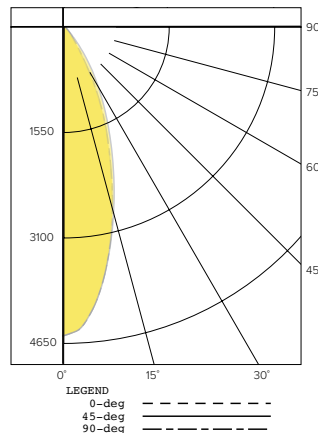
#### LUMINAIRE DATA

|                   |                                |
|-------------------|--------------------------------|
| Test No.          | R19.00935-01                   |
| Description       | 2000 lm, Narrow, 3500K, 80 CRI |
| Delivered Lumens  | 2252                           |
| Watts             | 22.8W                          |
| Efficacy          | 98.7                           |
| Mounting          | Pendant                        |
| Spacing Criterion | 0.6                            |
| Beam Angle (FWHM) | 36                             |

#### ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40  | 2124   | 94.3        |
| 0-60  | 2244   | 99.7        |
| 0-90  | 2252   | 100.0       |
| 0-180 | 2252   | 100.0       |

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

| Degree | Candela - 0 | Candela - 45 | Candela - 90 |
|--------|-------------|--------------|--------------|
| 0      | 4567        | 4567         | 4567         |
| 5      | 4305        | 4307         | 4304         |
| 15     | 2800        | 2874         | 2805         |
| 25     | 1334        | 1536         | 1343         |
| 35     | 342         | 628          | 344          |
| 45     | 99          | 134          | 101          |
| 55     | 19          | 26           | 19           |
| 65     | 4           | 5            | 4            |
| 75     | 2           | 2            | 2            |
| 85     | 0           | 1            | 0            |
| 90     | 0           | 0            | 0            |

### LTC-6SQD-P-20L35K8MD-DM1-S-BL

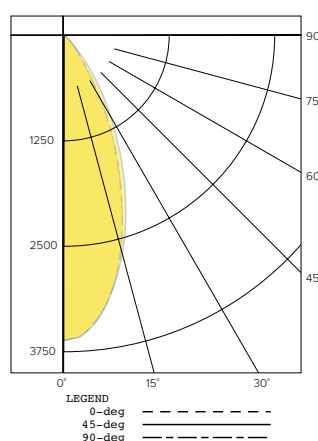
#### LUMINAIRE DATA

|                   |                                |
|-------------------|--------------------------------|
| Test No.          | R19.01046-01                   |
| Description       | 2000 lm, Medium, 3500K, 80 CRI |
| Delivered Lumens  | 2206                           |
| Watts             | 22.8W                          |
| Efficacy          | 96.8                           |
| Mounting          | Pendant                        |
| Spacing Criterion | 0.7                            |
| Beam Angle (FWHM) | 43                             |

#### ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40  | 2062   | 93.5        |
| 0-60  | 2199   | 99.7        |
| 0-90  | 2206   | 100.0       |
| 0-180 | 2206   | 100.0       |

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

| Degree | Candela - 0 | Candela - 45 | Candela - 90 |
|--------|-------------|--------------|--------------|
| 0      | 3615        | 3615         | 3615         |
| 5      | 3486        | 3487         | 3485         |
| 15     | 2608        | 2668         | 2602         |
| 25     | 1387        | 1592         | 1385         |
| 35     | 413         | 684          | 414          |
| 45     | 112         | 155          | 112          |
| 55     | 20          | 29           | 20           |
| 65     | 4           | 5            | 4            |
| 75     | 2           | 2            | 2            |
| 85     | 0           | 1            | 0            |
| 90     | 0           | 0            | 0            |

## PHOTOMETRY (CONTINUED)

### LTC-6SQD-P-20L35K8WD-DM1-S-BL

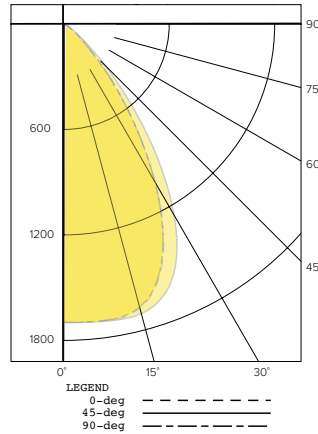
#### LUMINAIRE DATA

|                   |                              |
|-------------------|------------------------------|
| Test No.          | R19.00936-01                 |
| Description       | 2000 lm, Wide, 3500K, 80 CRI |
| Delivered Lumens  | 2031                         |
| Watts             | 22.8W                        |
| Efficacy          | 89.0                         |
| Mounting          | Pendant                      |
| Spacing Criterion | 1.0                          |
| Beam Angle (FWHM) | 65                           |

#### ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40  | 1768   | 87.0        |
| 0-60  | 2020   | 99.5        |
| 0-90  | 2031   | 100.0       |
| 0-180 | 2031   | 100.0       |

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

| Degree | Candela - 0 | Candela - 45 | Candela - 90 |
|--------|-------------|--------------|--------------|
| 0      | 1697        | 1697         | 1697         |
| 5      | 1701        | 1702         | 1701         |
| 15     | 1671        | 1704         | 1664         |
| 25     | 1335        | 1501         | 1326         |
| 35     | 701         | 915          | 697          |
| 45     | 205         | 308          | 207          |
| 55     | 31          | 54           | 32           |
| 65     | 6           | 7            | 6            |
| 75     | 3           | 3            | 3            |
| 85     | 1           | 1            | 1            |
| 90     | 0           | 0            | 0            |

### LTC-6SQD-P-20L35K8XW-DM1-S-BL

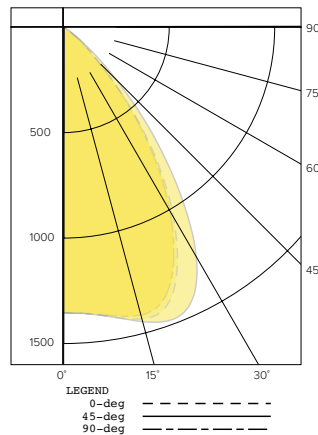
#### LUMINAIRE DATA

|                   |                                    |
|-------------------|------------------------------------|
| Test No.          | R19.01047-01                       |
| Description       | 2000 lm, Extra Wide, 3500K, 80 CRI |
| Delivered Lumens  | 1975                               |
| Watts             | 22.7W                              |
| Efficacy          | 87.0                               |
| Mounting          | Pendant                            |
| Spacing Criterion | 1.2                                |
| Beam Angle (FWHM) | 69                                 |

#### ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40  | 1670   | 84.5        |
| 0-60  | 1964   | 99.4        |
| 0-90  | 1975   | 100.0       |
| 0-180 | 1975   | 100.0       |

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

| Degree | Candela - 0 | Candela - 45 | Candela - 90 |
|--------|-------------|--------------|--------------|
| 0      | 1354        | 1354         | 1354         |
| 5      | 1364        | 1365         | 1363         |
| 15     | 1432        | 1445         | 1413         |
| 25     | 1275        | 1436         | 1236         |
| 35     | 775         | 970          | 747          |
| 45     | 244         | 367          | 240          |
| 55     | 36          | 64           | 36           |
| 65     | 7           | 8            | 7            |
| 75     | 3           | 3            | 3            |
| 85     | 1           | 1            | 1            |
| 90     | 0           | 0            | 0            |

#### LUMEN MULTIPLIER

| Option     | 27K8 | 30K8 | 35K8 | 40K8 | 50K8 | 27K9 | 30K9 | 35K9 | 40K9 |
|------------|------|------|------|------|------|------|------|------|------|
| Multiplier | 0.94 | 0.98 | 1.00 | 1.01 | 1.02 | 0.81 | 0.84 | 0.85 | 0.85 |

Photometrics are published below at a nominal 3500 Kelvin, 80+ CRI. This table may be used to approximate the lumen values at different Kelvin temperatures. Power consumption would stay the same.

## **ELECTRICAL DATA**

| DRIVER DATA                        |                 |                 |
|------------------------------------|-----------------|-----------------|
| Input Voltage                      | 120–277 V       | 347 V           |
| Input Frequency                    | 50/60 Hz        | 50/60 Hz        |
| Power Factor                       | ≥0.90           | ≥0.90           |
| THD                                | <20%            | <20%            |
| EMI Filtering (FCC 47 CFR Part 15) | Class A         | Class A         |
| Operating Temperature              | -20° C to 40° C | -20° C to 40° C |

\* Values for DM1 option shown, values for other dimming options may vary.

## **ADDITIONAL INFORMATION**

### **Dimming Compatibility**

For more details and recommended dimmer list, see Dimming Compatibility Information on [currentlighting.com/prescolite](http://currentlighting.com/prescolite).

### **DMX**

See instruction sheet on [currentlighting.com/prescolite](http://currentlighting.com/prescolite) for connection & installation information.

### **Lumen Output in Emergency Mode**

To determine the lumen output in emergency mode multiply the battery pack wattage by the fixture lumens per watt (LPW). For example, 6W x 120 LPW = 720 lumens in emergency mode.