

createchange

### FEATURES

- Parking Garage luminaire incorporating LED technology
- Long life 60,000 hour LEDs at L80 for reduced maintenance
- Available in 2', 4', or 8' lengths
- IP65, IP66 all sizes, IP67 4' and 8'
- Fiberglass housing with F1 weatherability rating, standard
- Intrnal reflector directs light into parking bays
- Smooth housing for easy cleaning
- Gasket is non-porous to ensure seal
- Impact modified acrylic lens equivalent to 100% DR
- Lens selections are deep profile frost (DFA) standard, or clear (DCA) optional
- Lens firmly secured with captive tamper resistance ready polyacetal (POM) latches
- Stainless steel latching optional
- Removable gear tray electrical access for modular replaceability
- Emergency battery pack installed, optional on most models
- Standard ambient -20°C to +25°C (See table for maximum rating)
- Elevated ambient option available on most models
- Includes stainless steel surface mounting brackets
- Occupancy and/or daylight sensing accessories available
- DesignLightsConsortium® (DLC) qualified
- Five year warranty

### PROJECT INFORMATION

Project Name \_\_\_\_\_

Type \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

### CONSTRUCTION

Housing is formed from UL 5VA fiberglass. F1 weatherability rating, suitable for indoor or outdoor use with respect to exposure to UV light. Pour-in-place non-porous gasketing assures seal. LED affixed to removable heat sinked gear tray. 14 Latches per 8', 8 per 4', 6 per 2'. Latches are provided tamper resistance ready, tamper resistant screws by others. Latches are standard polyacetal (POM), optional in stainless steel. Access openings are provided for electrical access.

### SHIELDING

Deep frosted acrylic lens (DFA) impact modified equivalent to 100% DR; modification adds flexibility to reduce impact breakage compared to standard acrylic formulations. Clear lens (DCA) optional.

### FINISH

White painted parts are treated with a five-stage phosphate bonding process and finished with high reflectance baked enamel.

### ELECTRICAL

Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance. Driver options include fixed output for on/off function, step dimming (high/low/off) or continuous 0-10V dimming. QR code label affixed to housing for easy traceability.

### CERTIFICATION

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate CSA labels. Ingress protection IP65 and IP66 standard all sizes. IP67 standard, 4' and 8' only. UL Sanitation certified. Wet location labeling is standard. Emergency-equipped fixtures built to UL 924. Adheres to LM70, LM80, and TM21 industry standards. DesignLights Consortium® (DLC) qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

### WARRANTY

Five year warranty (Terms and Conditions apply).

## ORDERING INFORMATION

## EXAMPLE LXEP4-35HL-DFA-EDU

LXEP		-		-		-		U		-																														
MODEL	COLOR TEMP	SHIELDING	DRIVER	VOLTAGE	OPTIONS	SIZE	LUMEN OUTPUT	PRODUCT AVAILABILITY				OPTIONS																												
LXEP LED Parking Garage	30 3000K 35 3500K 40 4000K 50 5000K	DFA Deep Frosted Acrylic DCA Deep Clear Acrylic	E Fixed Output ESD Step Dimming <sup>1,3,5</sup> ED 0-10V Dimming ED1 0-10V 1% Dimming	U 120V-277V	GLR Fast Blow Fuse SSL Stainless Steel Tamper Resistance Ready Latches TP Tamper Proof Latches ELL14 Emergency Battery Pack Installed, 1400 Lumens (0°C minimum operating temp) <sup>4</sup> F3C8W 3 Wire 8' Wet Cord F3C15W 3 Wire 15' Wet Cord SWH Single Wet Hub ½" NPT Hub DWH Dual Wet Hub ½" NPT Hub XEDPM Dual Pendant Brackets (pendant by others) HT Elevated Ambient <sup>1,4</sup>	2 2' <sup>1,2</sup> 4 4' 8 8'	VW Very Low Watt LW Low Watt ML Medium Lumen HL High Lumen VL Very High Lumen XL Xtra High Lumen <sup>1,3</sup>	Size	Lumen Package	Nominal Lumen Range	Nominal Watts	Lumens/Watt Range	Max Temp, HT Option	Max Temp, ELL14	F3C8W 3 Wire 8' Wet Cord F3C15W 3 Wire 15' Wet Cord SWH Single Wet Hub ½" NPT Hub DWH Dual Wet Hub ½" NPT Hub XEDPM Dual Pendant Brackets (pendant by others) HT Elevated Ambient <sup>1,4</sup>																									
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>SENSOR KITS (Order Separately)</b>                      All sensor kits include Occupancy &amp; Daylight.                      Daylight activation requires setting of dip-switches on site.                 </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Catalog #</th> <th># Relays</th> <th>Lens Type</th> <th>Voltage</th> <th>Wet Label</th> </tr> </thead> <tbody> <tr> <td>OS1360WLK</td> <td>1</td> <td>360°</td> <td>120/277</td> <td>Yes</td> </tr> <tr> <td>OS2360WLK</td> <td>2</td> <td>360°</td> <td>120/277</td> <td>Yes</td> </tr> <tr> <td>OS1AWLK</td> <td>1</td> <td>Aisle</td> <td>120/277</td> <td>Yes</td> </tr> <tr> <td>OS2AWLK</td> <td>2</td> <td>Aisle</td> <td>120/277</td> <td>Yes</td> </tr> </tbody> </table>																Catalog #	# Relays	Lens Type	Voltage	Wet Label	OS1360WLK	1	360°	120/277	Yes	OS2360WLK	2	360°	120/277	Yes	OS1AWLK	1	Aisle	120/277	Yes	OS2AWLK	2	Aisle	120/277	Yes
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<sup>1</sup> Not available with battery pack. <sup>2</sup> Not available with XL lumen package.  
<sup>3</sup> HL not available in 2' size with HT option. <sup>4</sup> Only available on 4' and 8' LW and ML lumen package.  
<sup>5</sup> Not available with HT. <sup>6</sup> 2 required for 8' fixture

Lumens vary according to color temperatures and other factors. See specific photometric test(s).

Test 14.00163 Test Date 8/23/14

**PHOTOMETRIC DATA**

**LUMINAIRE DATA**

Luminaire	LXEP4-50ML-DFA-EU LXEP LED Enclosed and Gasketed, Industrial 6.75" x 51.5" LED with deep frosted acrylic lens and specular reflector
Ballast	D15CC55UNVTC
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	5018
Watts	47.50
Mounting	Surface
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.28 90° = 1.88
Luminous Opening in Feet	Length: 4.17 Width: 0.50 Height: 0.29

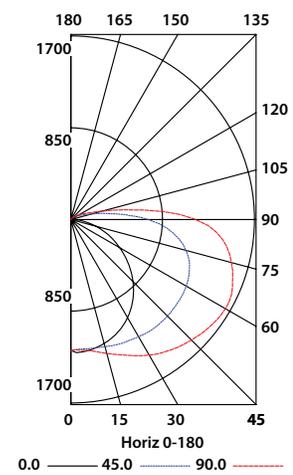
**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Lamp	% Fixt.
0-30	673	13.4	13.4
0-40	1181	23.5	23.5
0-60	2484	49.5	49.5
0-90	4451	88.7	88.7
0-180	5018	100.0	100.0

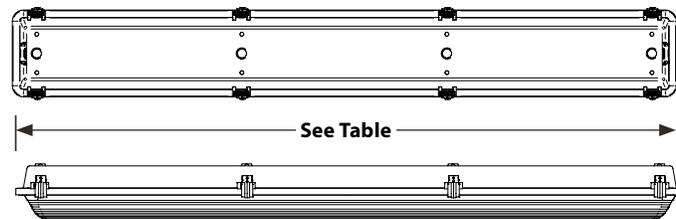
**ENERGY DATA**

Total Luminaire Efficiency	100%
Total Lumens per Watt	106
ANSI/IESNA RP-1-2004 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.29 based on 3000 hrs. and \$0.08 per KWH

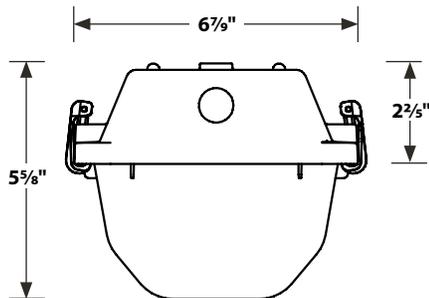
**INDOOR CANDELA PLOT**



**DIMENSIONAL DATA**



LXEP DIMENSIONS	
NOMINAL SIZE	LENGTH
2'	27 <sup>7</sup> / <sub>8</sub> "
4'	51 <sup>1</sup> / <sub>2</sub> "
8'	100"



**NOTE:** All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.