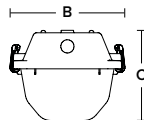


DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- Parking garage luminaire with internal reflector directing light into parking bays
- Available in 2', 4', or 8' lengths
- IP65, IP67 all models, and IP66 all models with standard polyacetal (POM) latches
- Standard ambient -20°C to +50 °C (See table for maximum rating)
- Fiberglass housing with F1 weatherability rating, standard
- Impact modified acrylic lens equivalent to 100% DR
- Lens firmly secured with captive tamper resistance ready polyacetal (POM) latches



Typical Dimensions and Weights				
Size	(A) Length Inches (mm)	(B) Width Inches (mm)	(C) Height Inches (mm)	Weight Lbs (kg)
2'	27.66 (703)	6.78 (172)	5.63 (143)	5.0 (2.3)
4'	51.66 (1312)			10.5 (4.8)
8'	100.00 (2540)			20.0 (9.1)

SPECIFICATIONS

CONSTRUCTION

- UL 5VA fiberglass housing
- F1 weatherability rating, suitable for indoor or outdoor use with respect to exposure to UV light
- Pour-in-place non-porous gasketing assures seal
- 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 connection
- White painted parts are treated with a five-stage phosphate bonding process and finished with high reflectance baked enamel

OPTICS

- 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

INSTALLATION

- Use flexible conduit only

ELECTRICAL

- Long life 60,000 hour LEDs at L80 for reduced 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

CERTIFICATIONS

- All luminaires are built to UL 1598 standards, and bear appropriate cCSAus labels
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- Wet Location label standard
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- Ingress protection IP65 and IP67 standard; IP66 on certain models
- Emergency battery pack options are California Energy Commission (CEC) Title 20 compliant

CERTIFICATIONS (CONTINUED)

- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram.
- DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11) [See Buy America\(n\) Solutions](#)

WARRANTY

- 5 year warranty

PRODUCT EXCEPTIONS & DETAILS

Options listed below are available for the outputs as shown.

Length	Output	Nominal Lumen Range	Nominal Watts	Lumens/Watt Range	Max Temp, HT Option	Max Temp, ELL14
2'	LW	2960–3225	33	90–98	40°C	(N/A)
	ML	3950–4350	43	92–101	40°C	(N/A)
	HL	4450–4900	51	87–96	25°C	(N/A)
4'	VW	2900–3100	27	108–116	50C	40C
	LW	3700–4100	36	103–114	50°C	40°C
	ML	4450–4900	47	95–104	50°C	40°C
	HL	5300–5850	52	102–113	45°C	25°C
	VL	6750–7450	68	99–110	40°C	25°C
	XL	8950–9850	102	88–97	25°C	N/A
8'	VW	5800–6200	54	108–116	50C	40C
	LW	7400–8200	72	103–114	50°C	40°C
	ML	8900–9800	94	95–104	50°C	40°C
	HL	10600–11700	104	102–113	45°C	25°C
	VL	13500–14900	136	99–110	40°C	25°C
	XL	17900–19700	204	88–97	25°C	N/A

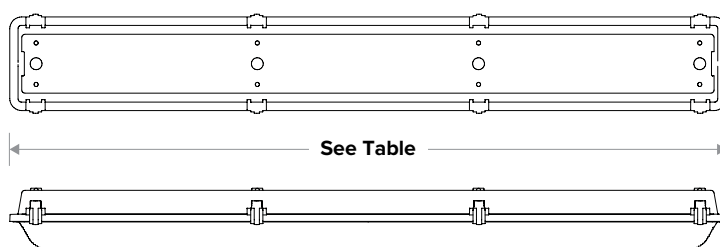
Lumens vary according to color temperatures and other factors. See specific photometric test(s).

PROJECTED LUMEN MAINTENANCE

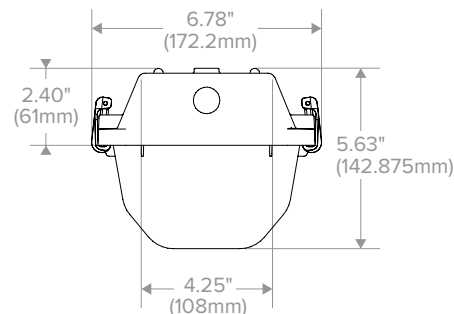
Calculation Method	Ambient Temp	25,000 hrs	50,000 hrs	60,000 hrs *
TM-21-11	25C/77F	0.94	0.88	0.86
TM-21-21	25C/77F	0.94	0.88	0.86

* Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

DIMENSIONS



LXEP LENGTH DIMENSIONS	
Nominal Size	Length
2'	27 2/3"
4'	51 2/3"
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.

LXEP

PARKING GARAGE ENCLOSED AND GASKETED LINEAR

PHOTOMETRY

LXEP4-50ML-DFA-EDU

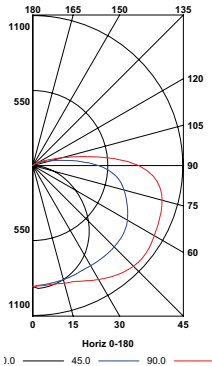
LUMINAIRE DATA

Test No.	23280
Description	LXEP LED Enclosed and Gasketed, Industrial 6.75" x 52" LED with deep frosted acrylic lens
Delivered Lumens	5118
Watts	41.80
Efficacy	122
Mounting	Surface
Spacing Criterion	0° = 1.26 90° = 1.73

ZONAL LUMEN SUMMARY

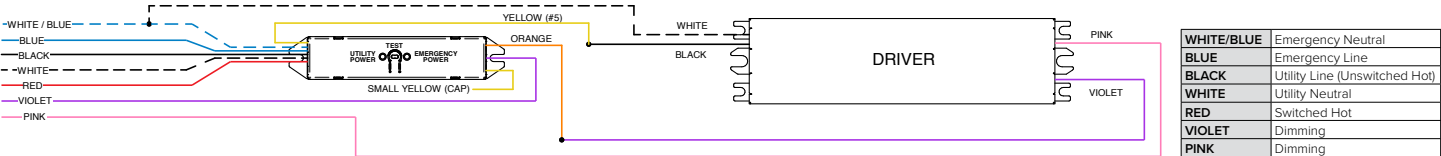
Zone	Lumens	% Luminaire
0-30	728	14.2
0-40	1260	24.6
0-60	2595	50.7
0-90	4542	88.7
0-180	5118	100.0

POLAR GRAPH



ADDITIONAL INFORMATION

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



WHITE/BLUE	Emergency Neutral
BLUE	Emergency Line
BLACK	Utility Line (Unswitched Hot)
WHITE	Utility Neutral
RED	Switched Hot
VIOLET	Dimming
PINK	Dimming