



Catalog Number	
Project	Type



GEN 2 LED Petroleum Canopy L2PC SERIES

FEATURES & SPECIFICATIONS

APPLICATION — The high performance luminaire is designed for petroleum station canopy applications where long life, low maintenance, and consistent color rendering is required. All areas with limited accessibility due to fixture location or where heavy pedestrian or vehicle traffic makes maintenance difficult are ideal applications such for this fixture.

CONSTRUCTION — The heavy duty housing is constructed of cast aluminum. The optical assemblies are sealed in place using a silicone gasket for weather tight protection.

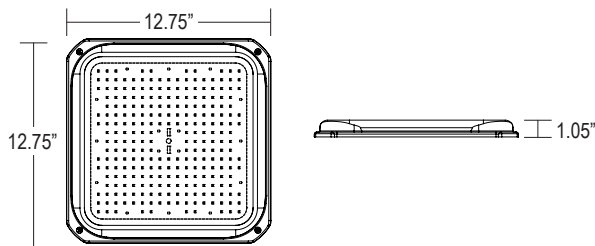
FINISH — A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: White. Custom colors available upon request.

OPTICAL SYSTEM — Light is directed through a clear, flat tempered glass lens providing a uniform and symmetrical light pattern.

ELECTRICAL SYSTEM — Available in 5000K Cool White (+/- 150K) color temperatures propagated with Philips Lumileds LUXEON® 3030 LED's. Minimum 80 CRI. Available with 90-300V 50/60 Hz Class II power supply. LED's rated over 50,000 hours (TM21 Calculated L70) at 25°C ambient temperature with available 1400mA operation. Lumen Maintenance >97% at 50K hrs. 347V and 480V input options available. Standard 0-10V dimming. Driver provided with integral 4kV surge protection that meets IEEE C62.42.2-2002. Optional 10kV Surge Suppressor available (see accessories). Built-in Active PFC Function. LED Power Supply conforms to UL1310 Class 2 and UL8750 standards and is IP67 rated for wet locations.

MOUNTING — The fixture is easily installed by one person. It may be mounted into a 12" or 16" deck pan. Nominal 1" hole deck penetration needed for new installation. Driver assembly retrofits into existing Scottsdale® ballast enclosure once existing HID ballast is removed.

LISTINGS — ETL listed for wet locations (IP64). Meets US and Canadian safety standards. -40°C to 40°C ambient operation. RoHS Compliant.



Series	Housing Height	Length & Width
L2PC	1.05"	12.75" x 12.75"

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Example: **L2PCSCWGF1-WH**

Series		Mounting		Color Temp		Lens		Drive Current		Voltage		Finish	
L2PC		S	Scottsdale® Retrofit	CW	Cool White (5000K)	G	Flat Tempered Glass Lens	F	1400mA Driver	1	Multi-Volt ¹	WH	White
										2	480V	SP	Special ²
										3	347V		

Accessories (Order as separate line items)

BSP3-277-LC³ 120V-277V Surge Protector

NOTES

- Multi-Volt is an auto ranging power supply from 90V to 300V input.
- Custom RAL color matching is available. Contact your Techlight sale representative for additional information.
- Specify whether the surge suppressor is to be factory installed in the fixture or field installed on each circuit.

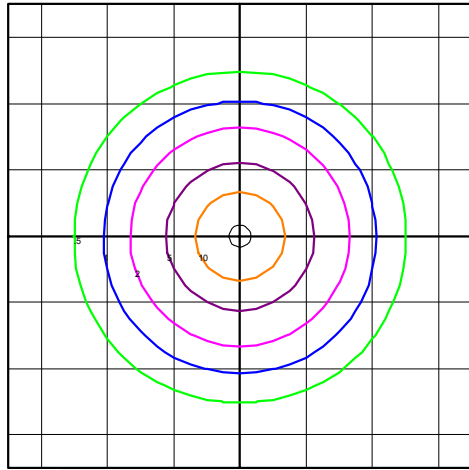
L2PC GEN 2 LED Petroleum Canopy

PHOTOMETRICS

IES INDOOR REPORT PHOTOMETRIC FILE NAME: L2PCSCWGF1

1400mA, Cool White, Clear
Flat Glass Lens

145W L2PC Canopy
Color Temperature: 5,000 K



TECHLIGHT
L2PC-S-CW-G-F
PETROLEUM CANOPY
MID-POWER LEDS

Horizontal Footcandles
Scale: 1 Inch = 15 Ft.
Light Loss Factor = 1.00
Lumens Per Lamp = N.A. (absolute photometry)
Luminaire Lumens = 15981
Mounting Height = 18.00 Ft.
Maximum Calculated Value = 17.27 Fc
Arrangement: Single

LED CHARACTERISTICS

Drive Current	Color Temp	Delivered Lumens	System Wattage	L70 @ 25°C	Amperage Draw			
					120V	208V	240V	277V
1400 mA	CW	15980	145W	> 50K	1.21 A	0.70 A	0.61 A	0.53 A

WARNING: Maintenance performed including the replacement of LED components while power is still supplied to the luminaire may result in system failures and will void the warranty.



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