

## PLR Series

### Selectable Linear Vapor Tight

The **Albeo® PLR Series** Linear Vapor Tight mixes value and performance; offering selectable lumens and color temperature with a 120-347V driver. Wet Location, NSF, and IP65 ratings make PLR ideal for a variety of demanding applications.



### Construction

<b>Housing:</b>	Durable, UL 5VA Polycarbonate
<b>Lens:</b>	Frosted Polycarbonate
<b>Paint:</b>	Powder coat painted housing
<b>Weight:</b>	4ft net weight: 4.63lbs (2.1kg) 8ft net weight: 9.92lbs (4.5kg)
<b>Optical Assembly:</b>	LED Optic array with refractive lens
<b>Latches:</b>	Stainless Steel

### Optical System

<b>Lumens:</b>	5206 - 12708
<b>Distribution:</b>	Lambertain
<b>Efficacy:</b>	Up to 148 LPW
<b>CCT:</b>	3500K, 4000K, 5000K
<b>CRI:</b>	>80

### Electrical

<b>Input Voltage:</b>	120-347V
<b>Input Frequency:</b>	50/60Hz
<b>Power Factor (PF)*:</b>	>90%*
<b>Total Harmonic Distortion (THD)*:</b>	<20%*
<b>EMI:</b>	FCC CFR Title 47 Part 15, Class A
<b>Surge Protection:</b>	2.5kV driver surge protection
<b>LED Driver Type:</b>	Class 2

\* PF and THD may vary with options

### Controls

**Dimming:** Standard 0-10VDC, 10%

### Ambient Temperature

TYPE	TEMPERATURE RATE
<b>OPERATING TEMPERATURE</b>	-40°C to +45°C (-40°F to 113° F)
<b>STORAGE TEMPERATURE</b>	-40°C to +70°C (-40°F to 158° F)

### Lumen Maintenance

<b>LXX(10K) @ Hours 50,000 HR</b>
<b>L70 @ &gt; 100,000 hours</b>

### Mounting

- **Mounting:** Includes pair of hanging bars and pair of surface mount brackets

### Design Life & Warranty

- UL/cUL Listed
- UL 1599 Suitable for Wet Locations (WL)
- NSF 2 Food Equipment standards for non- food zone and splash zone
- NEMA 250 Type 4X rated
- Thru- wiring ready with 5VA rated polycarbonate housing Also DLC 5.1 Standard
- **Current's Limited 5-year Warranty:**  
See Product Warranties section at [led.com/resources](https://led.com/resources)



### CUSTOMER NAME

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

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

### Ordering Information

**PLR**    **1**    **08**    **L**    **QV**    **ST**    **K**    **Q**    **W**  
 ---    -    --    -    --    --    -    -    -

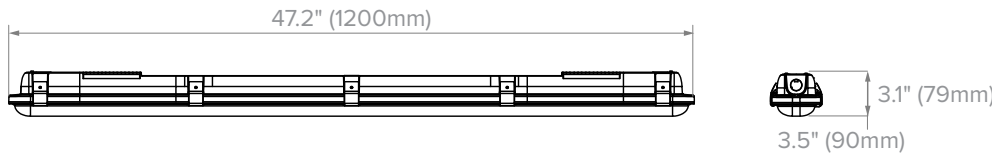
PRODUCT ID	VOLTAGE	LUMEN OUTPUT	CCT/CRI	OPTICS	CONTROLS	MOUNTING	CORD	PLUG	FINISH
PLR = Albeo® Vapor Tight Linear	1 = 120-347V	<b>4X</b> = 5000/6000/ <b>7000</b> (4ft) <b>8X</b> = 8500/10000/ <b>12000</b> (8ft)	<b>08</b> = 3500K/ 4000K/ <b>5000K</b> , 80CRI	L = Frosted Polycarbonate Lens	<b>QV</b> = 0-10V Dimming	<b>ST</b> = Standard <sup>1</sup>	<b>K</b> = Knockout	<b>Q</b> = None	<b>W</b> = White

Bold indicates default setting

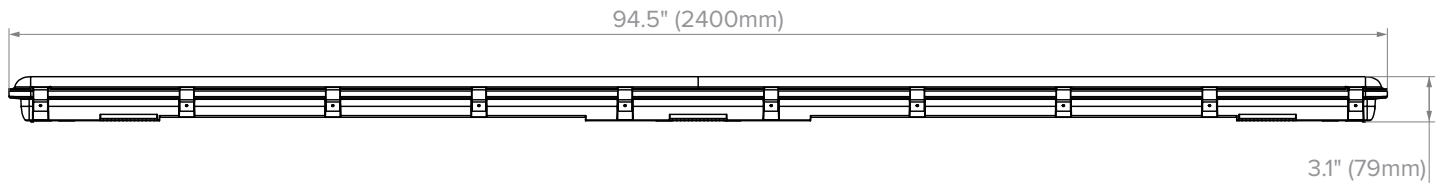
Catalog Number	Individual Unit Part Number & UPC	Description	Setting	Lumens			Watts	Lumens Per Watt (LPW)			Master Carton Qty & UPC	DLC Listing
				3500K	4000K	5000K		3500K	4000K	5000K		
PLR14X08LQVSTKQW	SKU: 93310073 UPC: 840141431390	4' Linear Vapor Tight; Switchable Lumens (5500/6500/7500); Switchable CCT (3500/4000/5000K); 120-347V; 0-10v Dimming to 10%	LOW	5206	5586	5282	38	137	147	139	4 Each 10840141431397	S-8QRBGZ
			MED	6072	6532	6164	46	132	142	134		
			HIGH	6912	7452	7020	54	128	138	130		
PLR18X08LQVSTKQW	SKU:93310086 UPC:840141431413	8' Linear Vapor Tight; Switchable Lumens (9600/10800/12700); Switchable CCT (3500/4000/5000K); 120-347V; 0-10v Dimming to 10%	LOW	8970	9620	9100	65	138	148	140	4 Each 10840141431410	S-CFDB43
			MED	10125	10875	10275	75	135	145	137		
			HIGH	11880	12780	12060	90	132	142	134		

### Product Dimensions

#### 4FT



#### 8FT



Length	Width (in)	Height (in)	Length (in)	Approx Weight (lbs)	Fixtures per Pallet
4-ft	3.8	3.1	47.2	4.6	33
8-ft	3.8	3.1	94.5	9.9	33



Conduit Hub Shown

\*two conduit hubs are provided with each fixture for use during fixture installation