

Spec Grade
PROlite LED Lighting

A Division of Emergensee® Lighting, Inc.

TYPE: _____ DATE: _____

JOB NAME: _____

CONTRACTOR: _____

CATALOG NO: _____

NOTES: _____

PLRL LED ROADWAY LIGHT



APPLICATION

PLRL provides uncompromising optical performance and outstanding versatility for a wide variety of area and roadway applications. Our customer focused features include single latch tool-less entry, industry leading surge protection options and superior lumen maintenance and performance, all in an economical design. It is ideal for illuminating walkways, parking lots and roadways.

FEATURES:

- Heavy-duty cast aluminum housing and removable door 3G vibration rated to ensure strength of construction and longevity in application.
- Housing is completely sealed against moisture and environmental contaminants.

LED:

- Available in IES Type II, III, IV, distributions.
- Color Temperature: 3000/3500/4000/5000 (K)
- Color Rendering Index: >70
- Scalable Lumen Packages from 6,100 to 20,000 Lumens replaces up to 400W Metal Halide.
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.
- Life span: ≥ 100,000 hours.

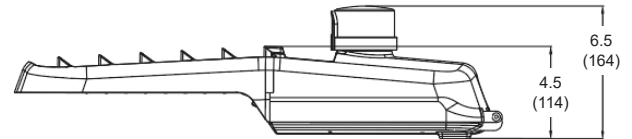
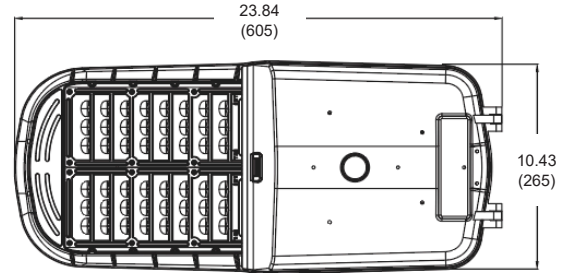
ELECTRICAL:

- Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation.
- Standard 1-10V dimming and 10kV/10kA common- and differential- mode surge protection available.
- Greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 45°C (-40°F to 113°F) ambient environments.
- LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life.

CONFIGURATIONS

Series	Input Wattage	Voltage	Lumen Output (3000K)	Lumen Efficiency	Lumen Output (3500K)	Lumen Efficiency	Lumen Output (4000K)	Lumen Efficiency	Lumen Output (5000K)	Lumen Efficiency	Weight
PLRL	45W	120-277V/347-480V	6100 lm	136 lm/W	6200 lm	138 lm/W	6300 lm	140 lm/W	6257 lm	139 lm/W	8.3 lbs
	70W	120-277V/347-480V	9200 lm	131 lm/W	9200 lm	131 lm/W	9300 lm	133 lm/W	9475 lm	134 lm/W	8.6 lbs
	100W	120-277V	13000 lm	130 lm/W	13200 lm	132 lm/W	13600 lm	136 lm/W	14033 lm	140 lm/W	9.4 lbs
	110W	347-480V	14000 lm	127 lm/W	14200 lm	129 lm/W	14500 lm	132 lm/W	14700 lm	134 lm/W	9.4 lbs
	150W	120-277V/347-480V	19500 lm	130 lm/W	19600 lm	131 lm/W	19800 lm	132 lm/W	20078 lm	133 lm/W	10 lbs

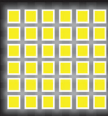
: Lumen information based on T3 distribution.



* for use with a 1-5/8" (40mm) or 2-3/8" (50mm) diameter arm.

LISTING:

- DLC premium listed.
- Wet location.
- UL listed for US and Canada.
- IES LM-80 results and TM-21.
- 5 years limited warranty.
- ARRA compliant. (optional)



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ORDERING INFORMATION

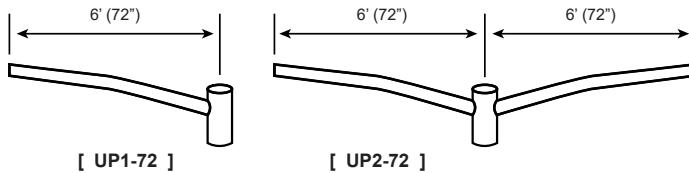
MODEL	LED	COLOR TEMP.	DISTRIBUTION	VOLTAGE	FINISH
PLRL					
	45LED 45W LED 70LED 70W LED 100LED 100W LED ² 110LED 110W LED ² 150LED 150W LED	-30K 3000K -35K 3500K -40K 4000K -50K 5000K (Std.)	T2 Type II  T3 Type III  T4 Type IV 	UNV 120-277V (Std.) HV 347-480V	(Blank) Silver Gray (Std.) CC Custom Color <small>* Available custom color (RAL) Please provide us with the RAL number. * Non-standard finish with extra charge.</small>

DIMMING	OPTIONS
(Blank)	
1-10V dimming	RC NEMA twist-lock receptacle only (no controls) RC7 NEMA 7-wire receptacle only (no controls) TLPC1 3-Pin Receptacle and Twist Lock Photocell Installed 120V TLPC2 3-Pin Receptacle and Twist Lock Photocell Installed 277V TLPC3 3-Pin Receptacle and Twist Lock Photocell Installed 120V-277V TLPC4 3-Pin Receptacle and Twist Lock Photocell Installed 347V TLPC5 3-Pin Receptacle and Twist Lock Photocell Installed 480V TLPC3-7P 7-Pin Receptacle & Dimming Photocell 120-277V TLPC-SC Shorting Cap MS Motion Sensor UP1-xx Single up sweep arm at 180°, select length "xx" from note 3 UP2-xx Double up sweep arm at 180°, select length "xx" from note 3 ARRA Assembled in USA for Buy American act

NOTES:

- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- When the voltage is 120-277V, the light is 100W, and the wattage is 110W at 347/480V.
- The length can be ordered in 18"/24"/36"/48"/60"/72".

UP SWEEP ARMS (Available with Single or Double at 180° Only)



**TENON MOUNT
UP SWEEP ARM**
 2-3/8" OD Steel Arms
 Fitter to slip over
 2-3/8" OD Tenon

NOTE: Other size of arms available, consult factory.