

Project		Date
Type		
Model		

LRL Series LED Area Light

Features

Construction:

- 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.

Optics:

- Available in IES Type II, III, and IV distributions.
- Offered Standard in 3000K 3500K 4000K and 5000K (+/- 275K) CCT and minimum 70 CRI.
- 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.

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 ambient environments.
- LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life.

Controls:

- Optional Photocell

Ambient Temperature:

- Ambient operating temperature -40°F to 113°F

Lifespan:

- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Finish:



ORDER INFORMATION

EXAMPLE: LRL-150W-Y-50K-3M-21-SV



Series	Wattage	Voltage	CCT	Optics	Mounting	Photocell	Finish
LRL Area Light	45W	Y 120-277V	30K 3000K	3M	21 Direct Arm	Blank Standard	SV Silver (Standard Finish)
	70W		35K 3500K	4M		PC (120-277V)	BK Black***
	100W*	HV 347-480V	40K 4000K	5M		PC3 (347V)	WH White***
	110W*		50K 5000K			PC4 (480V)	BZ Bronze***
	150W						Custom finishes available Contact factory***

Enter configuration:

** Special Order

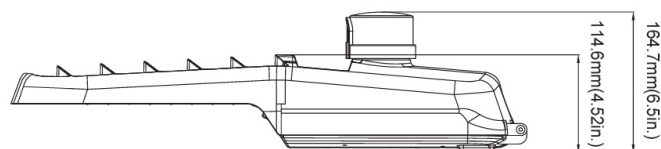
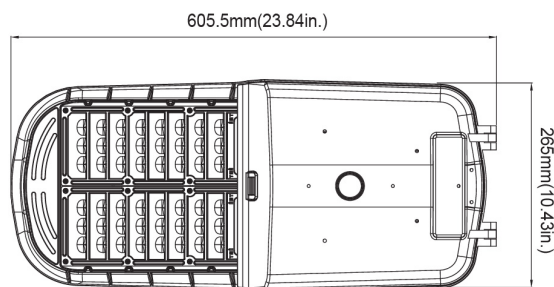
* Note for 100W/110W: The 100W operates at 120-277V, the 110W operates at 347/480V.

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

PERFORMANCE DATA

WATTS	VOLTAGE	DIST. TYPE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (3500K)	LUMENS (3500K)	LUMENS (4000K)	LUMENS (4000K)	LUMENS (5000K)	LUMENS (5000K)
45W	120-277V / 347-480V	3	70	6,100	136 Lm/W	6,200	138 Lm/W	6,300	140 Lm/W	6,350	141 Lm/W
70W	120-277V / 347-480V	3	70	9,200	131 Lm/W	9,200	131 Lm/W	9,300	133 Lm/W	9,400	134 Lm/W
100W	120-277V	3	70	13,000	130 Lm/W	13,200	132 Lm/W	13,600	136 Lm/W	13,800	138 Lm/W
110W	347-480V	3	70	14,000	127 Lm/W	14,200	129 Lm/W	14,500	132 Lm/W	14,700	134 Lm/W
150W	120-277V / 347-480V	3	70	19,500	130 Lm/W	19,600	131 Lm/W	19,800	132 Lm/W	20,000	133 Lm/W

Dimensions



Net Weight :

45W: 8.353lb

100W: 9.46lb

70W: 8.664lb

150W: 10.018lb

Photometric Data

