

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, and III distributions.
- Offered Standard in 3000K 3500K 4000K and 5000K (+/- 275K) CCT and minimum 70 CRI.
- Lumen Packages from 9,200 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, 347-480V 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

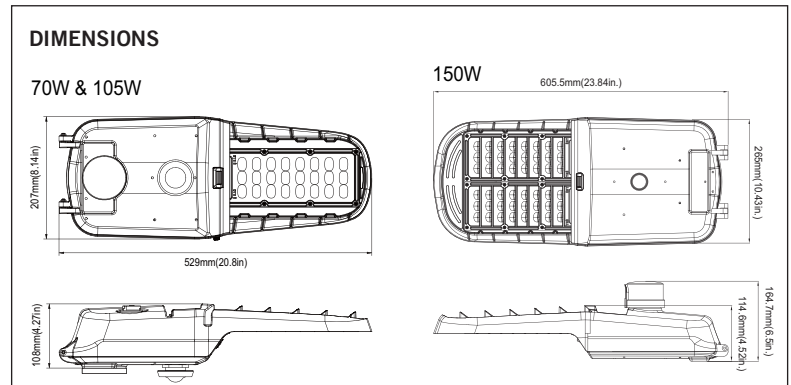
Lifespan:

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Finish:



Project:	Date
Type:	
Model:	



ORDER INFORMATION

EXAMPLE: LRL2-150W-Y-40K-3M-SV



Series	Wattage	Voltage	CCT	Optics	Photocell	Finish
LRL2 Area Light	70W	Y 120-277V	30K 3000K	2M*	Blank Standard	SV Silver (Standard Finish)
	105W		35K 3500K	3M	PC (120-277V)	BK Black**
	150W	HV 347-480V	40K 4000K		PC3 (347V)	WH White**
			50K 5000K		PC4 (480V)	BZ Bronze** Custom finishes available Contact factory***

Enter configuration:

** Special Order

* Note: TYPE II for 150W only.

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

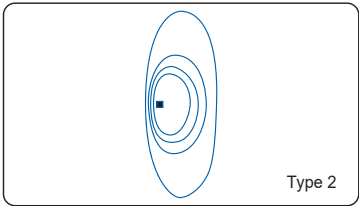
SYSTEM WATTS	VOLTAGE	DIST.TYPE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (3500K)	LPW (3500K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)	EPA
70 W	120-277V	3	70	9,600lm	137 lm/W	9,600lm	137 lm/W	9,900lm	141 lm/W	9,900lm	141 lm/W	0.4567
70 W	347-480V	3	70	9,200lm	131 lm/W	9,200lm	131 lm/W	9,400lm	134 lm/W	9,400lm	134 lm/W	0.4567
105 W	120-277V	3	70	14,300lm	136 lm/W	14,300lm	136 lm/W	14,600lm	139 lm/W	14,600lm	139 lm/W	0.4567
105 W	347-480V	3	70	14,000lm	133 lm/W	14,000lm	133 lm/W	14,200lm	135 lm/W	14,200lm	135 lm/W	0.4567
150 W	120-277V/347-480V	2	70	19,500lm	130 lm/W	19,600lm	131 lm/W	19,800lm	132 lm/W	20,000lm	133 lm/W	0.4711
150 W	120-277V/347-480V	3	70	19,500lm	130 lm/W	19,600lm	131 lm/W	19,800lm	132 lm/W	20,000lm	133 lm/W	0.4711

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1110	70	120	0.58
		70	208	0.34
		70	240	0.29
		70	277	0.25
1	1850	70	347	0.20
		70	480	0.15
1	850	105	120	0.88
		105	208	0.50
		105	240	0.44
		105	277	0.38
	2520	105	347	0.30
		105	480	0.22
1	5600	150	120	1.25
		150	208	0.72
		150	240	0.63
		150	277	0.54
		150	347	0.43
		150	480	0.31

PHOTOMETRICS

Type 2 optics are optimal for scenarios requiring luminaires to be spaced at greater intervals along roads or pathways. Designed for elongated areas, these optics offer an optimized light distribution pattern, allowing increased pole spacing without compromising lighting quality.



Type 3 optics generate an asymmetrical light pattern, directing the majority of light forward and evenly on both sides of the luminaire. When arranged in a back-to-back configuration, it forms a rectangular pattern, effectively extending pole spacings.

