

Plusrite®



LED STREET LIGHT

LD331

LD331 LED STREET LIGHT



DESCRIPTION

Plusrite LD331 comes with advanced die-cast aluminum housing with contemporary design, outstanding heat dissipation design to enhance great and stable lifetime, brilliant performance to match the urban and residential demand.



SPECIFICATIONS



Model No.	LD331/50W/7XX	LD331/100W/7XX	LD331/150W/7XX
Wattage (W)	30-60	80-120	130-200
Voltage (V)	100-277		
CRI	70		
Efficacy (LM/W)	160		
Output (LM)	4800-9600	12800-19200	20800-32000
Lifetime (Hours)	L70B50: 50,000Hours @ 25 C /77°F		
CCT	3000K/4000K/5000K		
Beam Angle (°)	Type I/II/III Long/Medium/Short		
Housing Material	Die-casting Aluminum PC/PMMA lens		
Mast Spigot	60/76mm and 42/60mm		
Dimming	0-10V		
Surge Protection	6KV		
IK Degree	IK09		
IP Degree	IP66		
Operation Temperature	-40~50°C (-40°F~122°F)		
Warranty	5 Years		
Dimension	560*275*105cm (8.07*5.98*6.65inch)	610*275*105cm (8.07*5.98*6.65inch)	690*330*105mm (10.83*5.98*6.65inch)
Optional Function	MW or PIR Control/NEMA Base/Zhaga Socket		
Mounting	Side-entry/Post-top/On mast		

KEY FEATURES

- Excellent design with efficacy 160lm/W which can significantly reduce energy consumption.
- Compact, light weight and smart design of complete separation chamber for LED board and driver to get better thermal management, minimum luminous flux degradation and reliable operations.
- Extended long service life of up to 100,000 hours thanks to optical heat dissipation via ribs-free cooling design.
- Robust structure with IP66 protection rating and vibration stability.
- ESD-protected plug & play modules for simple maintenance and low maintenance costs.
- Elegant backside with ribs-free design to avoid dust stratification for easy maintenance.
- Superior optical performance and control with various optic selection.
- Optional International Tier 1 Branded High-Power LEDs.
- Optional International Tier 1 Branded DALI 2 ECG.

STRUCTURE



PACKING

Model No.	n.w. (1 pc)		QTY/ CTN	N.W. (1 CTN)		G.W. (1 CTN)		Carton Dimensions (mm)	CBM (M ³)	QTY/20GP	QTY/40HQ
	kgs	lbs		kgs	lbs	kgs	lbs				
LD331/50W	5.10	11.22	1	5.10	11.22	5.60	12.32	600*300*165	0.0297	940	2160
LD331/100W	5.80	12.76	1	5.80	12.76	6.40	14.08	650*300*165	0.0322	870	1990
LD331/150W	7.30	16.06	1	7.30	16.06	8.00	17.60	730*360*165	0.0434	650	1480

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TECHNICAL SPECIFICATION



IK09

Impact Resistance:
Tempered Glass



High Lumen:
Up to 32000lm



Corrosion Protection:

Corrosivity Category
C3 (Standard)/C4
(Optional)
According to DIN EN ISO
12944

Lens:

PC/PMMA (Optional)

IP66



Protection Class IEC:
Safety Class I / Class II

Rated Service Life and Warranty:

100,000h (L90/B10) at $T_a = 25^\circ\text{C}$
5 Years Warranty



30-60W



80-120W

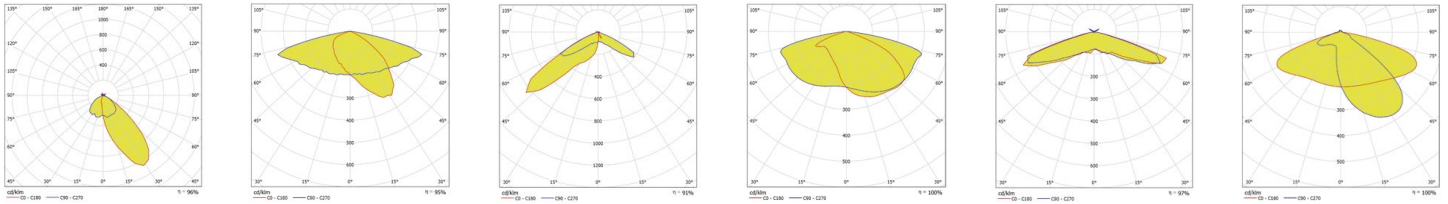


130-200W

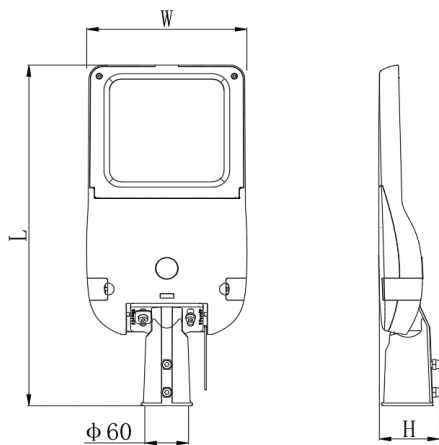
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LIGHT DISTRIBUTION



DIMENSIONS



APPLICATION



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