

LA-LED(20-100 W)

DC High Power LED Street Lamps



- Uniformly distributed light and color.
- Great illuminating angle: 120° or above.
- Accurate constant-current driving with current fluctuation less than 1mA.
- Strict temp control: Temp up at work is below 20 degree. Overheat protection will automatically starts if the operating temp is more than 70 degree.
- Special circuit protection: The protection can prevent whole circuit from current overflow or unbalanced caused by single failed LED, saving the whole lamp.
- Variable power: Total power can be reduced to half or 2/3 et on request to save energy.

• Technical characteristics

Type	LA-20W	LA-30W	LA-40W	LA-50W	LA-60W	LA-80W	LA-100W
Voltage range	10.5-30 V				20-30 V		
Power consumption	20 W	30 W	40 W	50 W	60 W	80 W	100 W
Supply current (±10%)	1.6 A @ 12.5 V	2.3 A @ 12.5 V	3.1 A @ 12.5 V	4.0 A @ 12.5 V	4.6 A @ 12.5 V	3.1 A @ 25 V	4.0 A @ 25 V
Luminous intensity	> 2500 lm	> 3800 lm	> 5100 lm	> 6500 lm	> 7500 lm	> 10200 lm	> 12800 lm
Luminous efficiency	> 130 lm / W (@ 12 V)				> 130 lm / W (@ 24 V)		
Service life	>50000 Hours						
LED Brand	Philips 3030-2D						
Casing material	Aluminum alloy die casting						
Light color	WW(typical: 3000 K),NW(typical: 4000 K),CW (typical: 6000 K)						
Ambient temperature	-30 °C to +40 °C						
Humidity max.	95% not condensing						
Type of protection	IP65						
Diameter for fit	ø60						
Dimension	310x150x50mm	310x150x50mm	480x230x110mm	480x230x110mm	630x260x110mm	630x260x110mm	630x260x110mm
Net Weight	1.5 Kg	1.5 Kg	2.5 Kg	2.5 Kg	3.5 Kg	4.0 Kg	4.0 Kg
Height	3-5 m	4-6 m	4-6 m	6-8 m	6-8 m	8-10 m	8-10 m

• Center luminance

Height min.	3 m	4 m	4 m	6 m	6 m	8 m	8 m
Center Illumination min.	≥ 23 lux	≥ 30 lux	≥ 40 lux	≥ 30 lux	≥ 35 lux	≥ 30 lux	≥ 40 lux
Height max.	5 m	6 m	6 m	8 m	8 m	10 m	10 m
Center Illumination max.	≥ 12 lux	≥ 15 lux	≥ 20 lux	≥ 20 lux	≥ 25 lux	≥ 20 lux	≥ 25 lux