

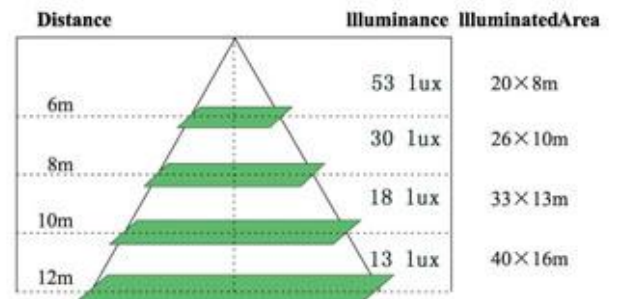


Integrated Streetlight Beam Pattern

## Photometric Performance

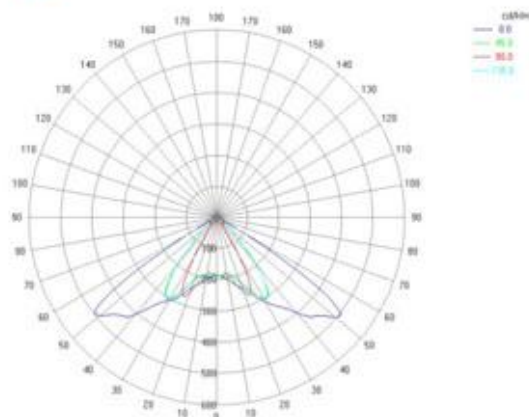
Bat-wing beam pattern of the distribution curve, also can be changed by different section's demand. Rationally control the distribution to be a rectangular beam pattern. When the installation height=12m, the beam pattern is 40x16m rectangular, and the radiation-efficiency is more than 70% in the effective region, the total transpance is more than 90%, the greatest extent possible to reduce the loss of light, the LED light has been fully utilized. The illumination uniformity is very good in the effective radiation region, even better than 0.5, higher than the highest grades of 0.4 of the state road's standards. The edge of the beam pattern is very clear and slide, no adverse glare out of the effective radiation region, will not cause any light pollution, it is an idea cut-lighting lamp. Satisfy the requirements of the road lighting or other special lighting, which can be widely used in the special requirements such as street lighting, advertising lighting, etc.; it is a green, energy-saving, environmentally friendly lighting product.

### ◆ Illuminance Distribution at different heights

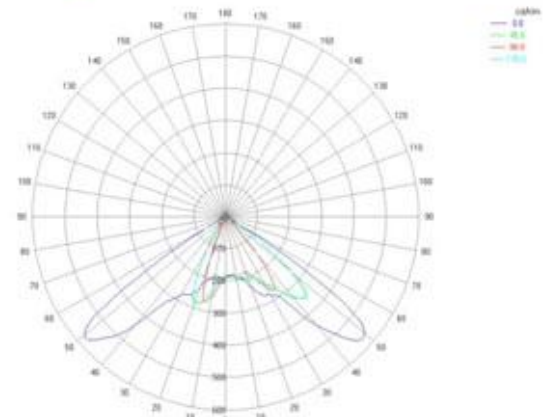


### ◆ Light Distribution Curve

#### ① Lamp's Plane Installation



#### ② Lamp's Inclined Installation



## Technical Parameters

Model Number	The Dodger
Input Voltage	85-264VAC
Frequency Range	47~63Hz
Power Factor(PF)	>0.9
Total Harmonic Distortion ( THD)	<20%
Power Efficiency	85%
Working Voltage	24VDC
LED Consumption	112W
Power Supply Consumption	20W
LED Luminous Efficiency	≥80lm/w
LED Initial Flux	10,000lm (Tj=25°C)
LED Maintain Flux	9,300lm(Tj=60°C,Ta=25°C)
Lamp's Flux	8,400lm(Tj=60°C,Ta=25°C)
Lamp's Efficiency (%)	>90%
Illumination (E)	(Height=6m)≥53 Lux (Replace Sodium light of 132 Lux X) (Height=8m) ≥30 Lux (Replace Sodium light of 75 Lux) (Height=10m) ≥18 Lux (Replace sodium light of 45 Lux) (Height=12m) ≥13 Lux (Replace sodium light of 33 Lux)
Effective Illuminated Area	(Height=6m): 20 x 8m (Height=8m):26 x 10m (Height=10m):33 x 13m (Height=12m):40 x 16m
Color Temperature	Pure White: 5,000~7,000K; Warm White :3,000~4,000K
Color Index(CRI)	Ra>75
Light Source	BBE Emitter (1Watt)
Light Distribution Curve/Beam Pattern	Asymmetric (Bat Wing)/ Rectangular Beam
The Highest Light Intensity Angle	120°:The Horizontal Axis:110°, The Vertical Axis:45°; 140°:The Horizontal Axis:130, The Vertical Axis:45°
Beam Angle	120°:The Horizontal Axis:110°, The Vertical Axis:45°; 140°:The Horizontal Axis:130, °The Vertical Axis:45°
Junction Temperature(Tj)	60 °C ±10 % ( Ta=25°C)
System Resistance (Rja)	0.28°C/W
Working Temperature	-30 ~ 50
Working Humidity	10%~90%
Storage Temperature	10 ~85
Working Life	50,000 Hrs
Light Body& Lampshade	Aluminum Alloy and PC
The Dimensions(Units: mm)	715(L) x 315(W) x 90(H)
Net Weight	10 Kgs
IP Rating	IP65
Packing	1 pc /Carton
Carton Size	790 x 400 x 205 mm
Container Q'ty (pcs)	20'Q: 385 pcs 40'Q: 792 pcs, 40'HQ: 936 pcs