



Technical Datasheet



PRI – 28W – E40

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OFFICE & SHOW ROOM

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SPECIFICATIONS

Product Code:	PRI-28W-E40	Illuminance:	(Height=6 m)≥13lux (Height =8 m) ≥7.5 lux (Height=10 m)≥4.5 lux (Height =12m)≥3 lux
Output Voltage:	240VAC	Area Light:	20×8 m ² (Height =6 m)) 26×10 m ² (Height =8 m) 33×13m ² (Height =10 m) 40×16 m ² (Height =12 m)
Frequency:	50~60Hz		Color Temperature:
Power Factor:	≥ 0.85	Color Rendering Index:	Ra>75%
THD:	<20%	Working Temperature:	-30°C ~+ 55°C
Power:	28W	Suitable Humidity :	10 % ~ 90 % RH
Operating Current:	1400mA	Protection Rating:	IP60
LED Qty:	28PCS*1W		
Luminous Efficiency:	≥80lm/W		
Luminous:	2500lm(Tj=60°C,Ta=25°C)		
Light Efficiency:	>90%		
Material:	Aluminium Housing +PC		
Base type:	E40		
Net weight:	1.1 Kg		

DIMENSION (mm)



APPLICATIONS



1. Street Light
PRI-28W-E40 is being use in street lights. It can be installed on 6 meters poles and can replace the 150W Sodium lamp.



2. Basketball Court and Stadium lights
PRI-28W-E40 is not only for road, but it also can be use in the Stadium.



3. Combine of the newest technology.
PRI-28W-E40 can be combined with solar power and wind power

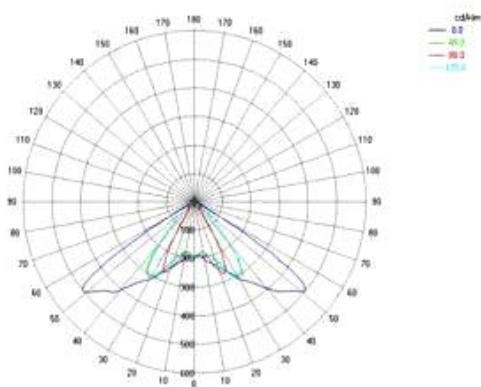
TEST REPORT

Light Distribution Curve

Bat-wing beam pattern of the distribution curve 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 transparency 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.

◆ Light Distribution Curve

① Lamp's Plane Installation



② Lamp's Inclined Installation

