

0.4W

40LM

170°

IP67

LifeSpan
50,000h



QUEENSPARK

Features



- Sourced by high output SMD2835, good color conformity and no spot.
- 99.99% gold thread, pure copper bracket coated with silver.
- Constant current driving technology guarantees stable performance of product.
- SDCM≤5 each BIN.
- Special lens design, 170°beaming angle with even light.
- Overmoulded: anti-dusting, anti-moisture, waterproof, anti-shock.
- 20 pcs Max.(constant voltage) in a series connection.
- CE, ROHS and UL certified.

Application



- Best for 4-15 cm depth illuminate letter or light box at airports, metros, banks, buildings and shopping malls, etc

Parameters

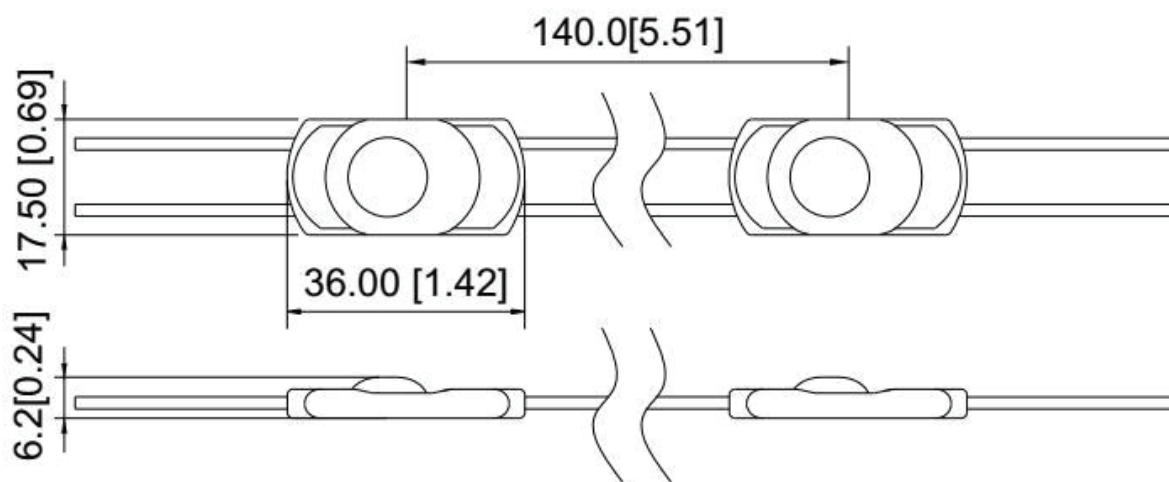


Items	Parameters
Part Number	PREMIUM LED MODULE FOR EXTERIOR 1 LENS DC 12V/0.4W IP67
CCT (K)	WW / NW / PW / CW
Beaming Angle (°)	170
CRI (Ra)	≥75
Luminous Flux (lm)	40
Voltage (V)	DC12V
Power (W)	0.4
Driving Method	Constant Voltage
Dimension (mm)	36*17.5*6.2
Weight(g)	6.3
Working Tem. (°C)	-25 ~ +60
Storage Tem. (°C)	-25 ~ +70
Protection Grade	IP67

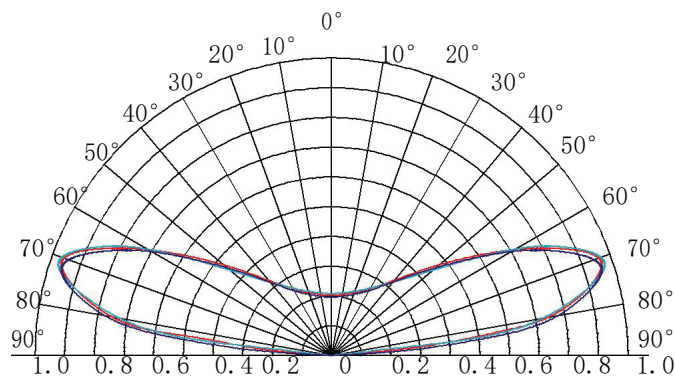
Dimension



Unit:mm



Beaming Angle

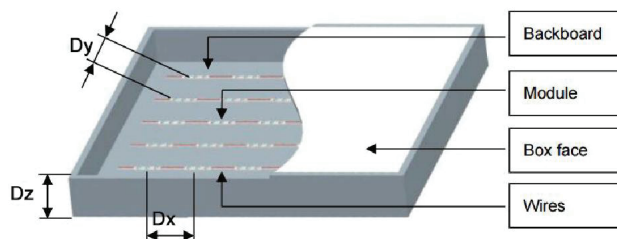


Reference Scheme

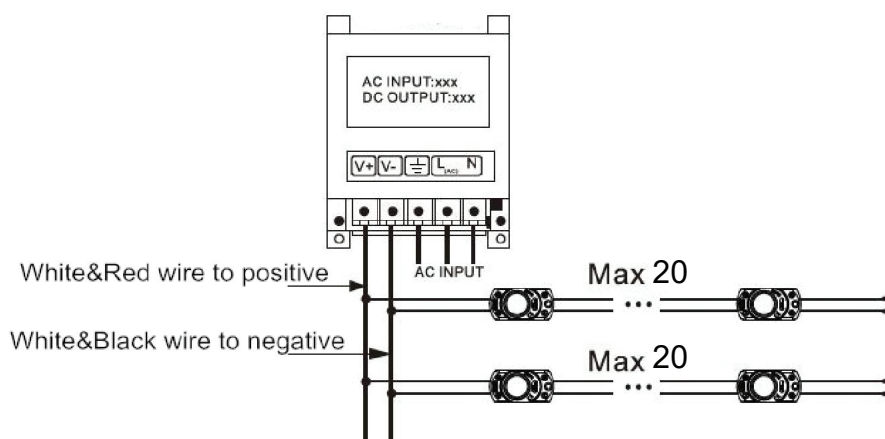
Depth(mm)	Distance(mm)	Density(pcs/m ²)	Illumination(lux)
Dz=30	Dx=60 Dy=60	278	3200-3500
Dz=40	Dx=75 Dy=75	178	2700-3000
Dz=50	Dx=90 Dy=90	123	1800-2100
Dz=60	Dx=110 Dy=90	101	1300-1600

Remark:

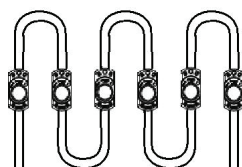
- The transmittance of the Acrylic was 56%.
- The above data is for reference only.



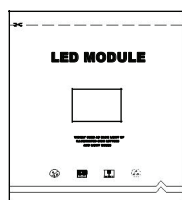
Wire Connection



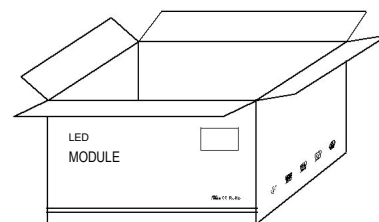
Packing



20pcs per string



100 pcs in an anti-static bag



1500 pcs in a carton

Packing Specification

- Antistatic bag adopted
- Packing information

Part Number	PREMIUM LED MODULE FOR EXTERIOR 1 LENS DC 12V/0.4W IP67
Carton dimension(mm)	490*450*220
Bags per carton	15
Quantity per carton(pcs)	1500
Net Weight(kg)	9.5(1±10%)
Gross Weight(kg)	10.5(1±10%)

- Due to the packing manner difference, please subject to the original products in case of discrepancy found between the picture and actual product.

Warning

- Disassembling or modifying the product is forbidden.
- Installation with power on is forbidden.
- Any organic solvent chemical is forbidden.
- Acidic or alkaline adhesive is forbidden when install, neutral glass cement could be used for installation purpose, make it drying in open environment for four hours.
- Isolation and corrosion prevention on all wiring points and wire ends.
- Make sure the power wire is thick enough and ensure the voltage and connections are connected correctly before power on.
- This product should be used in a sign, do not expose it in opening site.
- Installation, maintaining should be done by professional staff.
- 20 pcs in a serial connection maximum.
- The power wire between power supply and module should be less than two meters to keep the same brightness on all parts.

Declaration



- Warranty: 5 years.
- In order to ensure the safety, the broken wires need to be replaced by the manufacturer or the service agent, or by the staff with the similar qualification.
- The given data in the specification was based on the laboratory testing, there may be discrepancy found in the actual products.
- The given drawings in the specification are only for reference, there may be discrepancy found in the actual products.
- The products are subject to change without prior notification.



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