

1.2W

120LM

170°

IP68

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 >

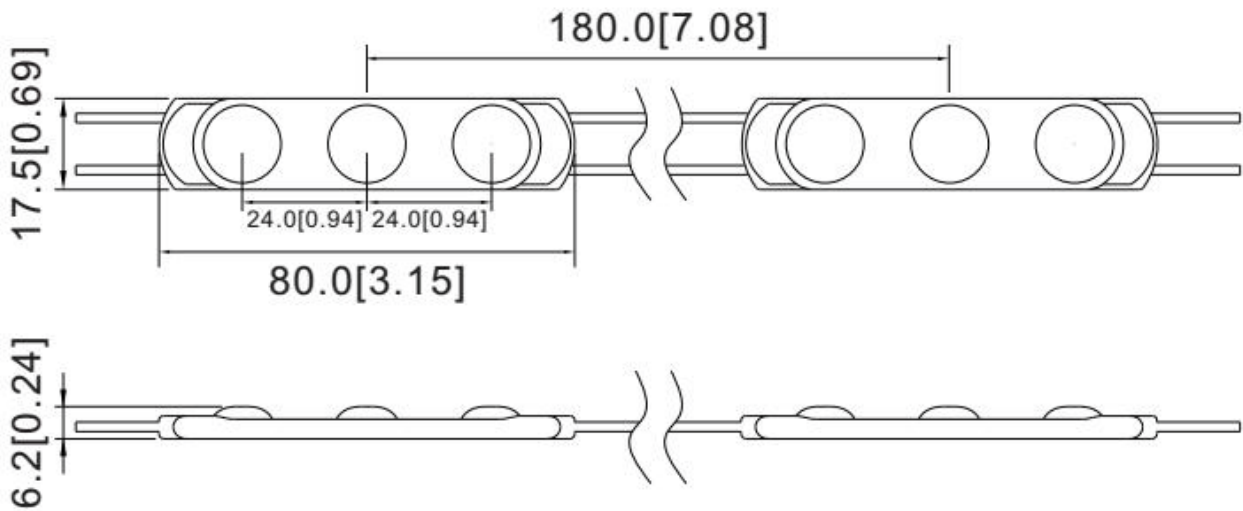
- Best for 10-15 cm depth illuminate letter or light box at airports, metros, banks, buildings and shopping malls,etc.

## Parameters >

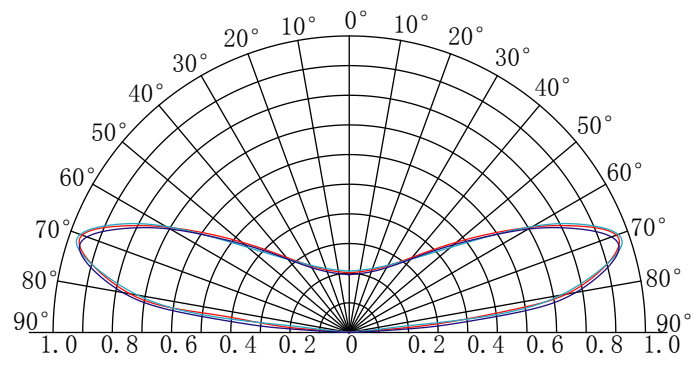
Items	Parameters
Part Number	ZE03BA3
CCT ( K )	7000K
Beaming Angle ( ° )	170
CRI ( Ra )	≥75
Luminous Flux ( lm )	120
Voltage ( V )	DC12V
Power ( W )	1.2
Driving Method	Constant Voltage
Dimension ( mm )	80*17.5*6.2
Weight ( g )	11.0
Working Tem. ( °C )	-25 ~ +60
Storage Tem. ( °C )	-25 ~ +70
Protection Grade	IP68

## Dimension >

Unit:mm



Beaming Angle >

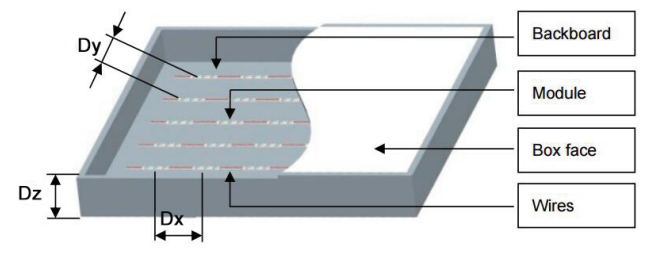


Reference Scheme >

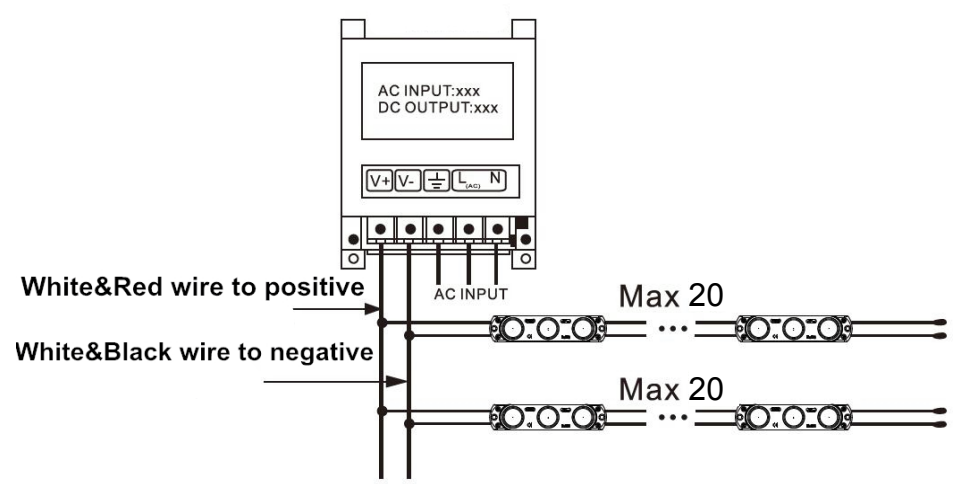
Depth(mm)	Distance(mm)	Density(pcs/m <sup>2</sup> )	Illumination(lux)
Dz=60	Dx=130 Dy=90	85	4300-4700
Dz=80	Dx=150 Dy=90	74	2800-3200
Dz=100	Dx=180 Dy=90	62	1800-2300
Dz=120	Dx=180 Dy=90	62	1300-1700
Dz=150	Dx=180 Dy=90	62	1000-1300

Remark:

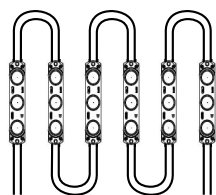
- The transmittance of the Acrylic was 56%.
- The above data is for reference only.



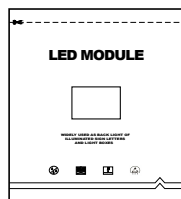
Wire Connection >



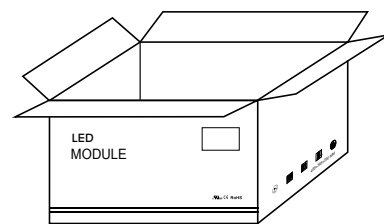
## Packing



20pcs per string



100pcs in an anti-static bag



1000pcs in a carton

## Packing Specification

- Antistatic bag adopted
- Packing information

Part Number	ZE03BA3
Carton dimension(mm)	490*450*220
Bags per carton	10
Quantity per carton(pcs)	1000
Net Weight(kg)	10.1(1±10%)
Gross Weight(kg)	11.2(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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