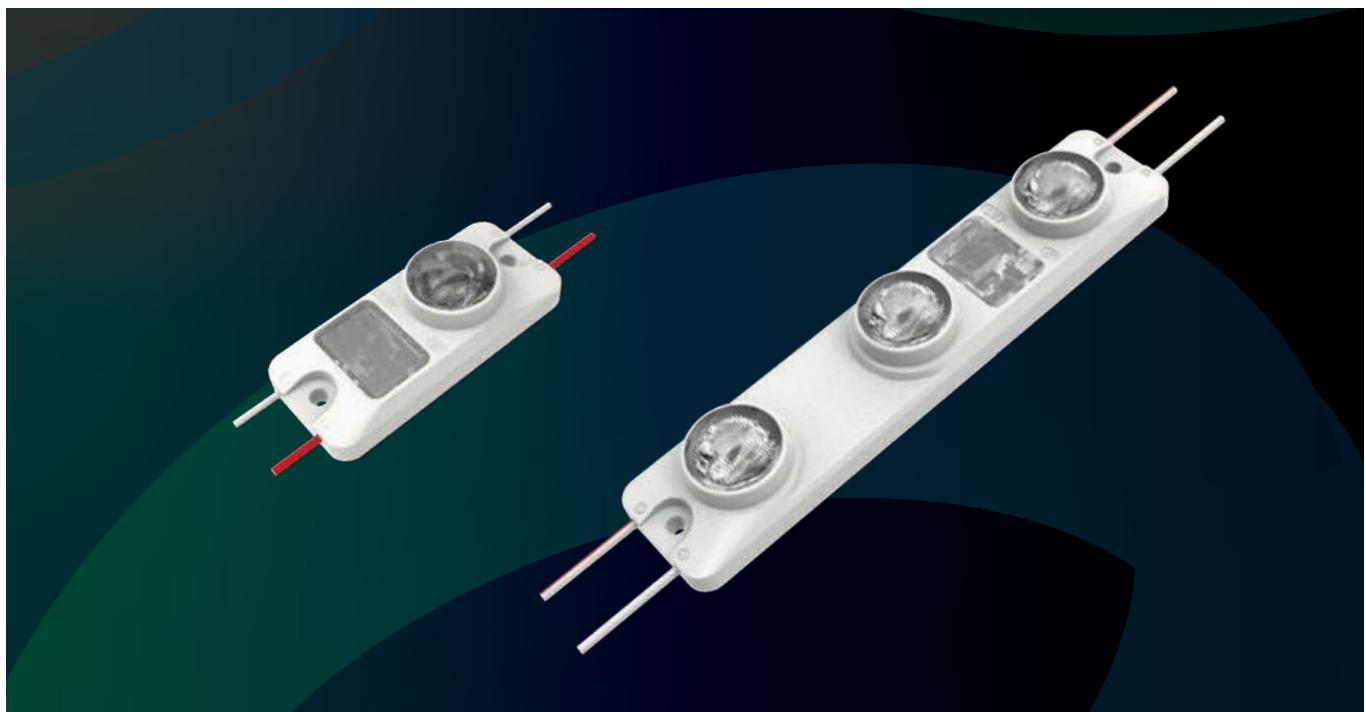


SIDEPOD PRIME LED MODULES



 E348340







 LM-80

Features

- Powered by high output SAMSUNG LED.
- Constant current.
- Elliptical 10x40° optic lens.
- 20/10 pcs per string.
- CE, RoHS, UL, TUV, BIS, CB and LM-80 certified.

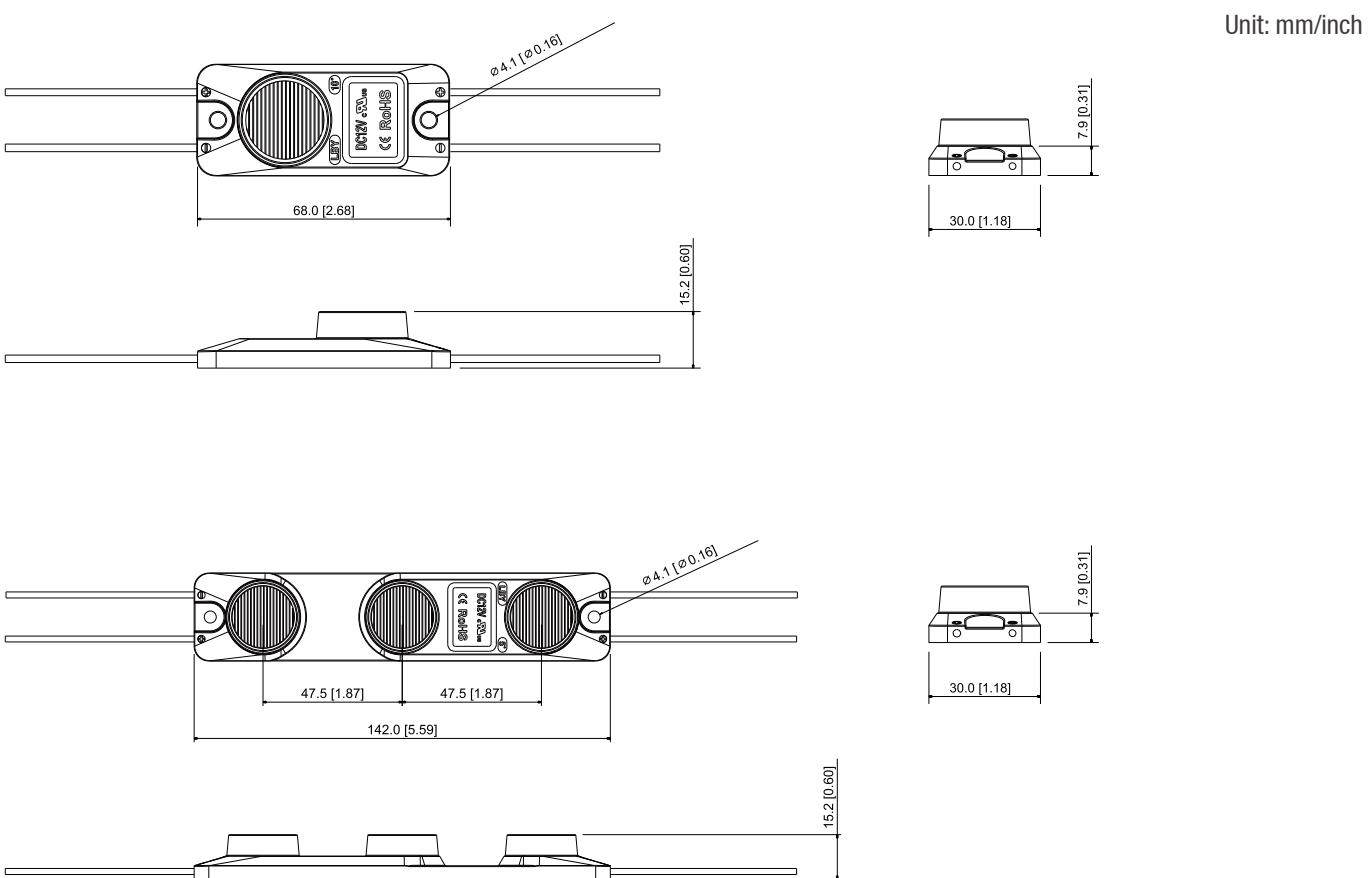
Application

- Light coverage: up to 2.5M.
- Apply to 8–30 cm depth double-sided light box at airports, metros, banks, buildings and shopping malls, etc.

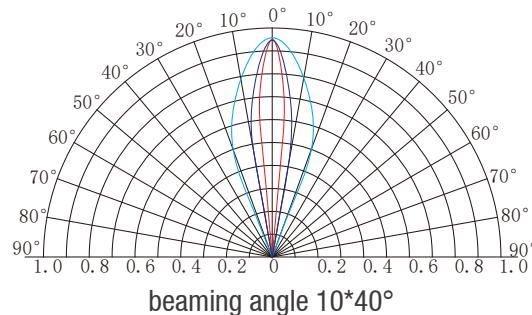
Parameters

| Items | Parameters | |
|--------------------|------------------|------------------|
| Part Number | ZX01QB3 | ZX03QB3 |
| CCT (K) | 7000 | 7000 |
| Beaming Angle (°) | 10*40° | 10*40° |
| CRI (Ra) | ≥75 | ≥75 |
| Luminous Flux (lm) | 260 | 780 |
| Voltage (V) | DC12/24 | DC12/24 |
| Power (W) | 2.5 | 6.5 |
| Driving Method | Constant Current | Constant Current |
| Dimension (mm) | 68*30*15 | 142*30*15 |
| Working Tem. (°C) | -25 ~ +60 | -25 ~ +60 |
| Storage Tem. (°C) | -25 ~ +70 | -25 ~ +70 |
| Protection Grade | IP65 | IP65 |

Dimension



Beaming Angle

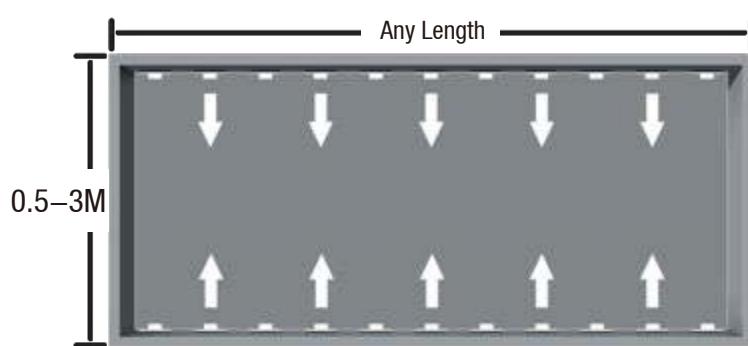


Reference Scheme

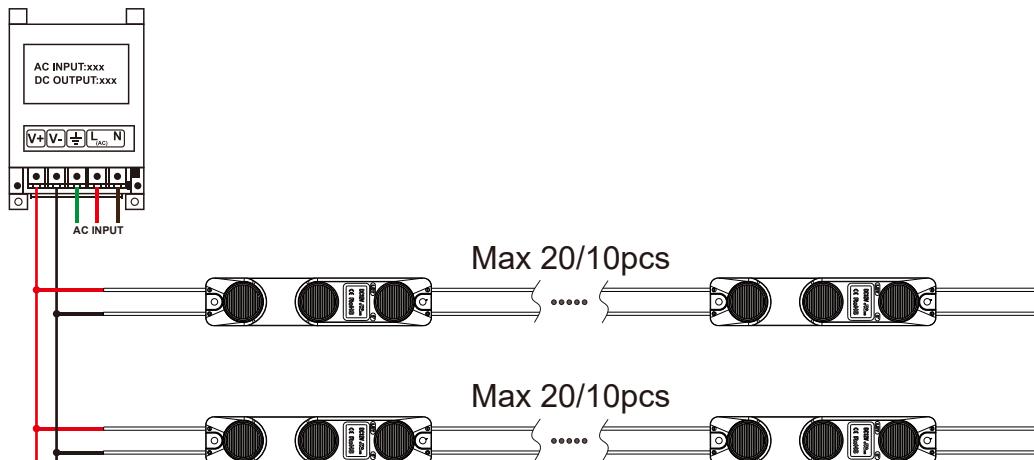
| Part Number | Depth(mm) | Size(mm) | Density(pcs/m ²) | Illumination(lux) |
|-----------------|-----------|-----------|------------------------------|-------------------|
| ZX01QB3/ZX03QB3 | Dz=120 | 1000*1000 | 24/10 | 1300–1500 |
| | Dz=150 | 1000*1000 | 24/10 | 1200–1300 |
| | Dz=200 | 1000*1000 | 24/10 | 1000–1200 |
| | Dz=300 | 1000*1000 | 24/10 | 800–900 |

Remark:

1. The transmittance of the advertising fabric was 32%.
2. The above data is for reference only.



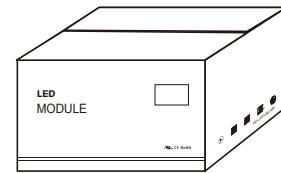
Wire Connection



Packing



20 pcs paper inner box



100 pcs in a carton

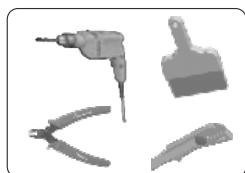
Packing Specification

- Antistatic bag adopted
- Packing information

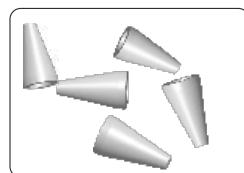
| Part Number | ZX01QB3 | ZX03QB3 |
|--------------------------|-------------|-------------|
| Carton Dimension(mm) | 355*255*180 | 415*255*180 |
| Paper Inner Box | 20 | 20 |
| Quantity Per Carton(pcs) | 20 | 10 |
| Net Weight(kg) | 3.06(1±10%) | 6.55(1±10%) |
| Gross Weight(kg) | 4.25(1±10%) | 7.88(1±10%) |

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

Self-provided tools & material



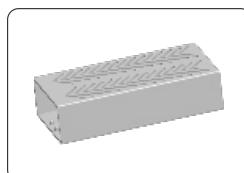
Dust brush, cutter, pencil, wire stripper, and drill



Wire Connector (Standard)



Screw

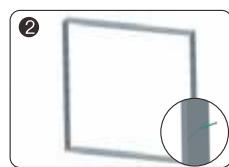


Power Supply

Installation Guidance



- Clean inside the light box.



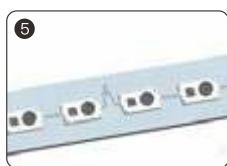
- Determine the appropriate layout.



- Remove the unneeded modules.
Note: Cut in the middle position of the wires between modules.



- Strip the end wire for 10mm and cap with the wire connector. Waterproof and anti-corrosion must be done on the connectors.



- Connect the led modules with wire connectors.
Avoid connecting more than 20pcs in series connection.



- Adjust modules to the optimal position and secure with screws.



- Drill a hole for connecting power cable.
Fixation and protection for the cable must be done on the hole.

⚠ Note: Avoid breaking the light box in drilling the hole.



- Connect to power supply and make sure that the polarity for connection is correct.

Instructions

01. When installing the product, please switch off the power.
02. Please use constant voltage power supply and leave 20% or more balance of its total power.
03. Make isolation and corrosion prevention on all wiring points and wire ends.
04. The maximum connection quantity in a series is 20pcs for ZX01QB3 and 10pcs for ZX03QB3, please do not exceed this number.
05. The products can be installed by screws, rivets as well as silicon gel, while please do not use Acidic or alkaline adhesive.
06. For single side light box, in order to get better and even lighting effect, you can put the products more closer to unilluminated back and attach white reflective poly sheet or sheet with similar function on the inner back.
07. Initial location with 3M tape, then secure with screws.

Declaration

01. Warranty: 5 years.
02. 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.
03. The given data in the specification was based on the laboratory testing, there may be discrepancy found in the actual products.
04. The given drawings in the specification are only for reference, there may be discrepancy found in the actual products.
05. The products are subject to change without prior notification.



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