

SIGNOBEAM™

LED DC Modules



Beyond LED's New SIGNOBEAM modules are engineered with a wider beam angle compared to standard modules. The increased beam angle ensures better coverage across the surface of thicker and taller sign boards. Our DC modules are easily customized to meet all required specification. The excellent heat dissipation provided by the integrated heat sink reduces the degradation of light and color deviation

Our New designed LED modules ensures uniform illumination, effectively eliminating dark spots or uneven lighting that can detract from the visibility and appeal of your signage. Our LED Modules are Specifically calibrated for thicker and taller sign boards, these LED modules deliver the right amount of light intensity to ensure your message or graphics stand out, regardless of the sign's dimensions. With their higher beam angle, Our SIGNOBEAM LED modules enhance the visibility of your signage, making it more noticeable from a distance and in various lighting conditions.

Product Features

- Up to 120 Lumens Per Watt
- Powered by high output SAMSUNG LED
- Constant current
- 20/10 pcs per srting
- Beam Angle 10x40°
- UL listed
- 5 Years Warranty

SIGNOBEAM™

LED DC Modules

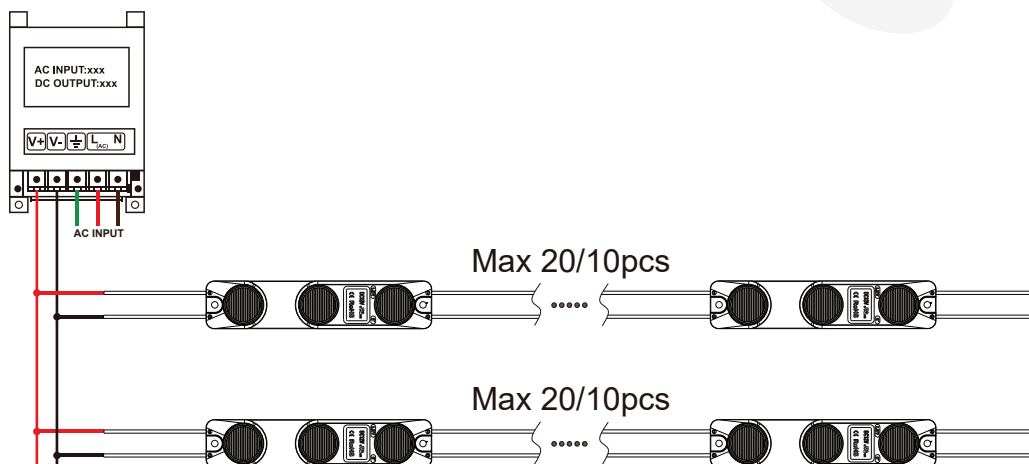


SKU #	Model #	Watt	Lumens	CCT	Color	Input Voltage	Beam Angle	IP	Certifications
156850	ZX03QB3	6.5W	780lm	6500K	White	24V DC	10x40°	IP65	UL

Specifications

Parameter	Description	Value
General Performance	Model #	ZX03QB3
	Wattage	6.5W
	Lumen	780LM
	Lumen Efficacy	Up to 120LM/W
	Color Temperature	6500K
	Input Voltage	24V AC
	CRI	≥75
	Beam Angle	10x40° Degree
	Operating Temperature	-25~+60
	Storage Temperature	25~+70
	IP Rating	IP65 Rated
	Warranty	3 Years Warranty

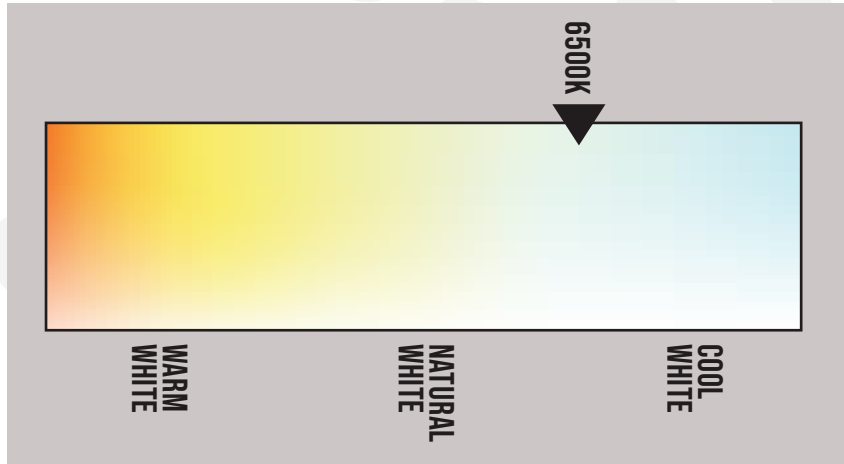
Connection Diagram



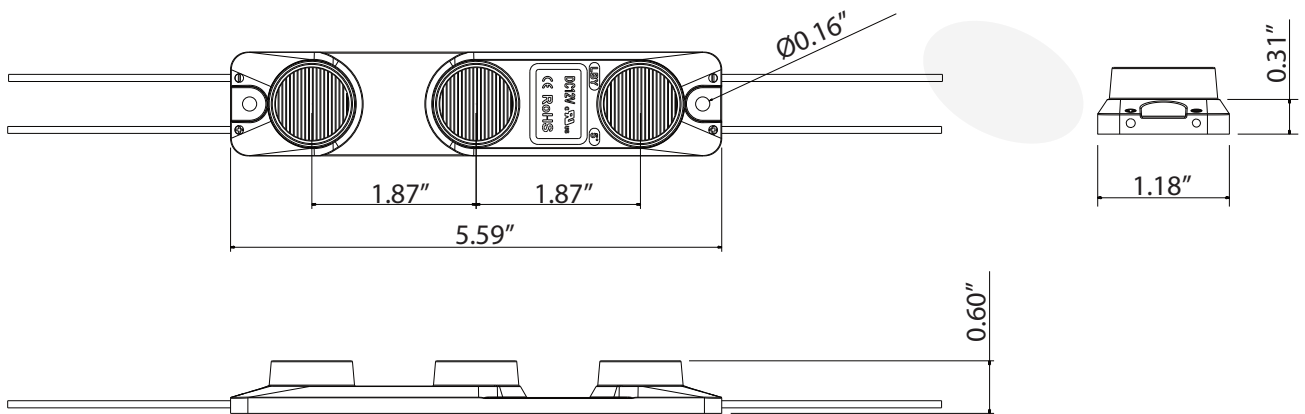
SIGNOBEAM™

LED DC Modules

Correlated Color Temperature (CCT)



Dimension

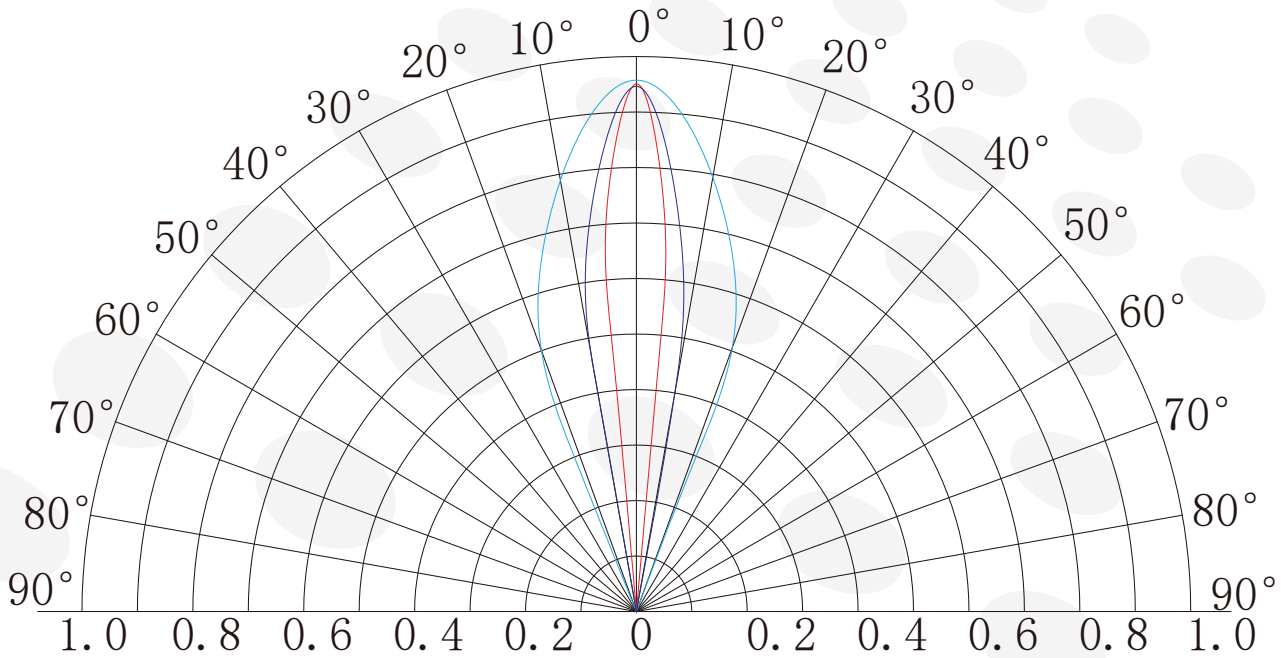


SIGNOBEAM™

LED DC Modules



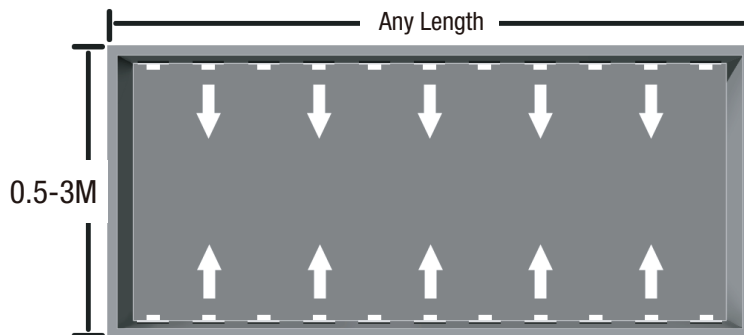
Beam Angle



Beaming Angle 10*40°

Remark

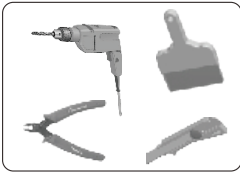
- 01. The transmittance of the advertising fabric was 32%.
- 02. The above data is for reference only.



SIGNOBEAM™

LED DC Modules

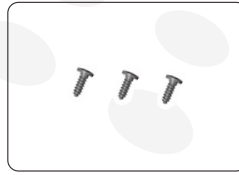
Self-Provided Tools & Material



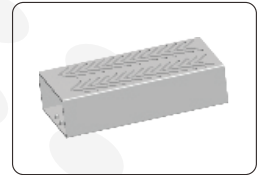
Dust brush, cutter, pencil, wire stripper, and drill



Wire Connector (Standard)



Screw

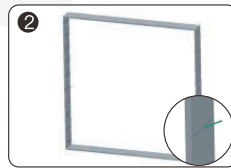


Power Supply

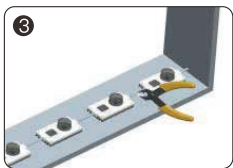
Installation



- Clean inside the light box.



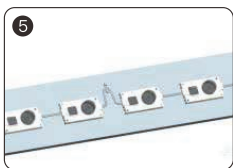
- Determine the appropriate layout.



- 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.



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



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



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

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

SIGNOBEAM™

LED DC Modules



Instructions

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

Declaration

1. Warranty: 5 years.
2. 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
3. similar qualification.
4. The given data in the specification was based on the laboratory testing, there may be discrepancy found in the actual products.
5. The given drawings in the specification are only for reference, there may be discrepancy found in the actual products.
6. The products are subject to change without prior notification.

SIGNOBEAM™

LED DC Modules

Packaging

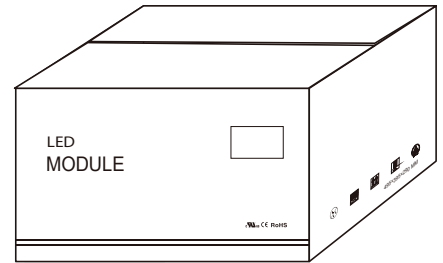
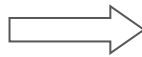
- Antistatic bag adopted
- Packing information

Part Number	ZX03QB3
Carton Dimension(mm)	415*255*180
Paper Inner Box	20
Quantity Per Carton(pcs)	100
Net Weight(kg)	6.55(1±10%)
Gross Weight(kg)	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.



20 pcs paper inner box



100 pcs in a carton



SIGNOBEAM™

LED DC Modules



Application Image



LED MODULES