



SIGN TORNADO™

LED DC Modules



Introducing Sign Tornado, the latest innovation in low-profile sign cabinet lighting. This product features a powerful, narrow illumination beam, making it ideal for blade signs and other edge lighting applications with shallow depths. Its watertight design ensures suitability for all dry and damp environments.

Product Features

- Power: 6.8 Watts with 680 Lumens per module
- Color Temperature: 6500K
- Applicable for both double-sided and single-sided sign cabinets
- Optimal for push-thru signs and blade signs
- Heat sink technology for effective heat management
- Powerful narrow beam that reaches far distances and covers extensive areas
- Installation is made easy with peelable double-sided tape and available mounting holes
- Supports up to 12 modules per Class 2 power supply

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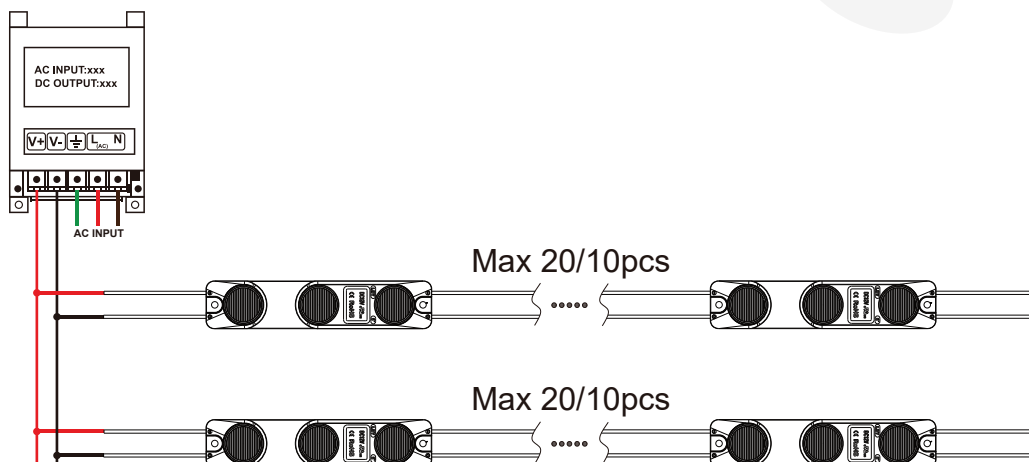


SKU #	Model #	Watt	Lumens	CCT	Color	Input Voltage	Beam Angle	IP	Certifications
156850	ZX03QB3	6.8W	680Lm	6500K	White	24V DC	10x40°	IP65	UL

Specifications

Parameter	Description	Value
General Performance	Model #	ZX03QB3
	Wattage	6.8W
	Lumen	680LM
	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	5 Years Warranty

Connection Diagram

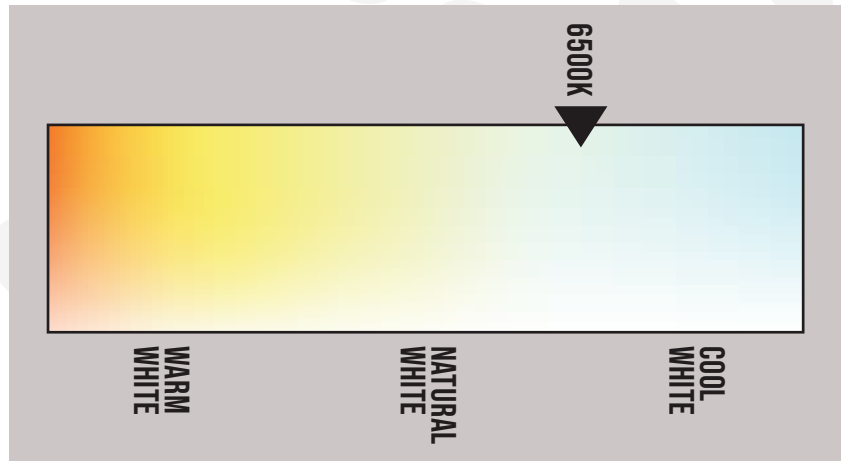




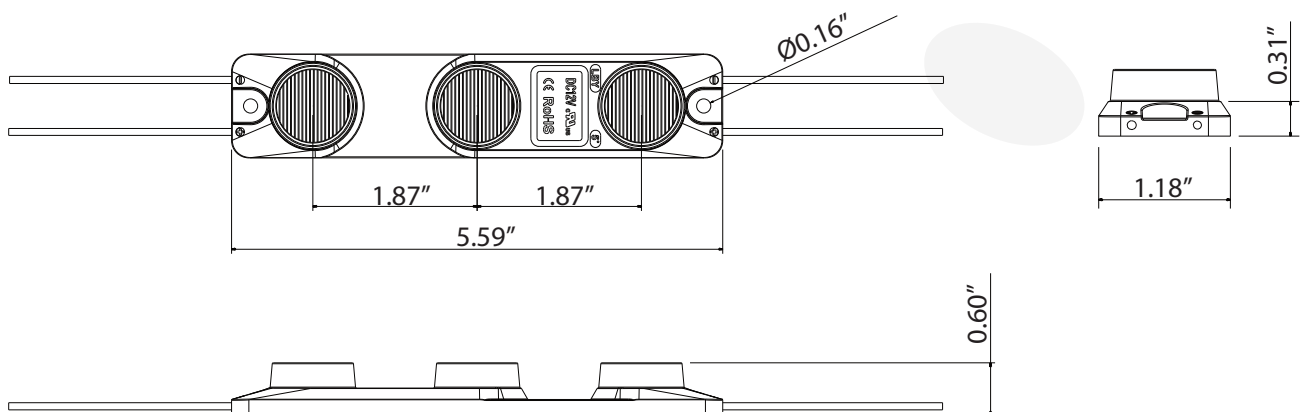
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Correlated Color Temperature (CCT)



Dimension

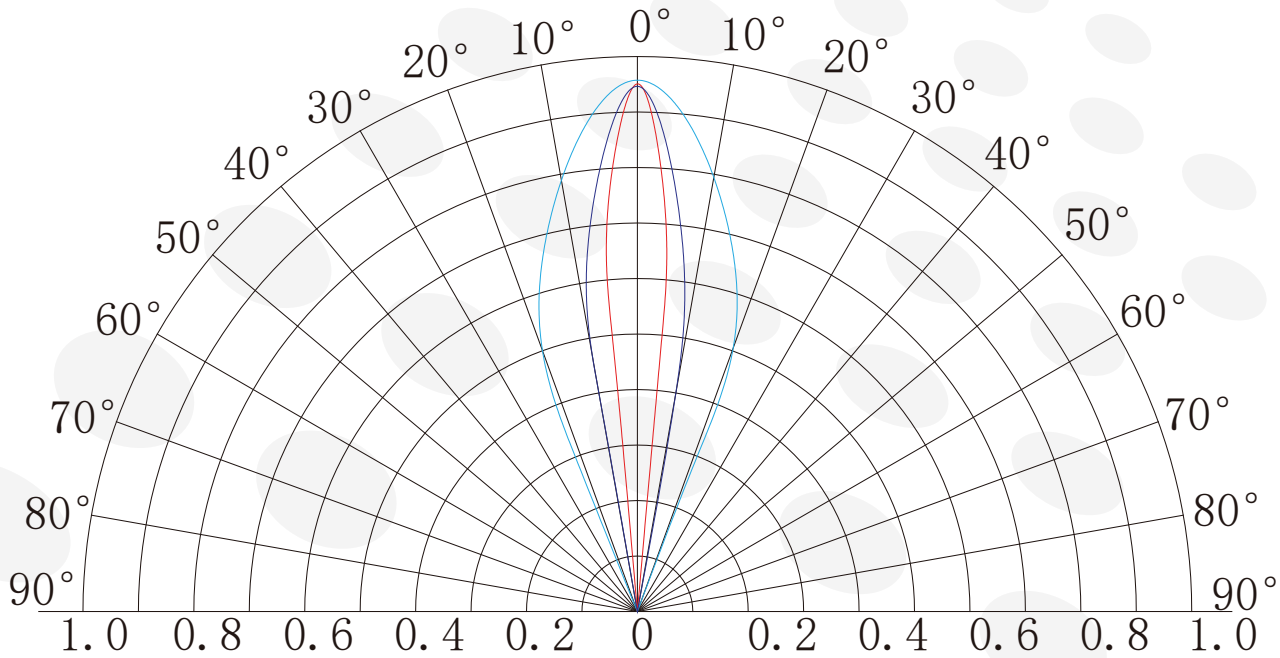


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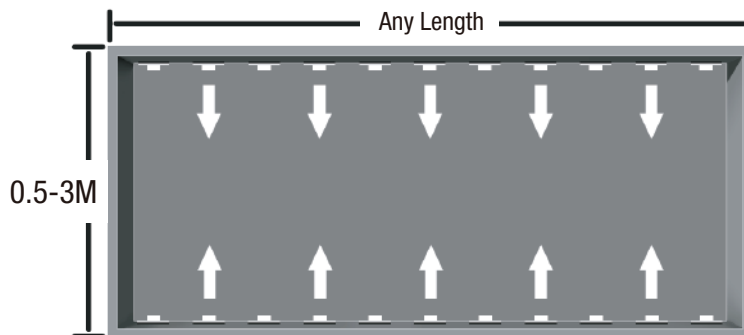
Beam Angle



Beaming Angle 10*40°

Remark

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

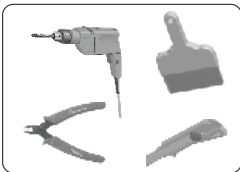




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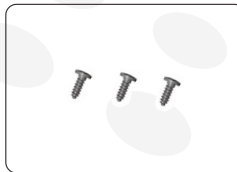
Self-Provided Tools & Material



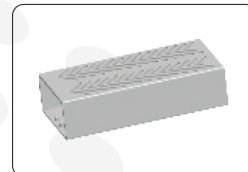
Dust brush, cutter, pencil, wire stripper, and drill



Wire Connector (Standard)



Screw

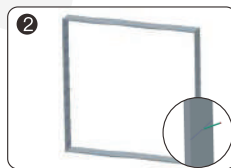


Power Supply

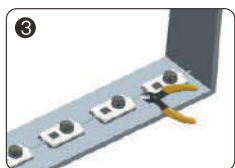
Installation



- Clean inside the light box.



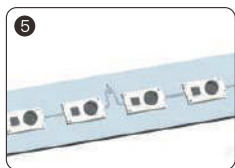
- Determine the appropriate layout.



- 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.

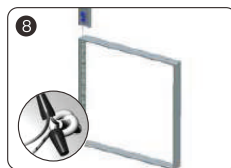


- Drill a hole for connecting power cable. Fixation and protection for the cable must be done on the hole.



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

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



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

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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.



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Packaging

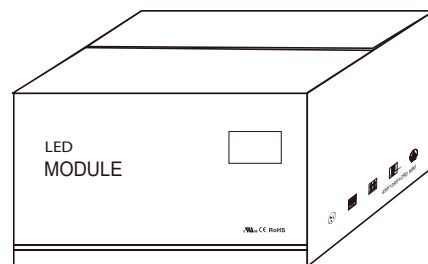
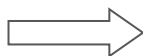
- Antistatic bag adopted
- Packing information

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

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Application Image



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