

Basic LED Modules

Powered by **2835 LED**

160° degree beaming angle
20 modules per string.



Features >

- Powered by high output 2835LED.
- 99.99% gold thread, pure copper bracket coated with silver.
- Clear 160° optic lens.
- SDCM≤5 each BIN.
- CE, ROHS, BIS certified.

Application >

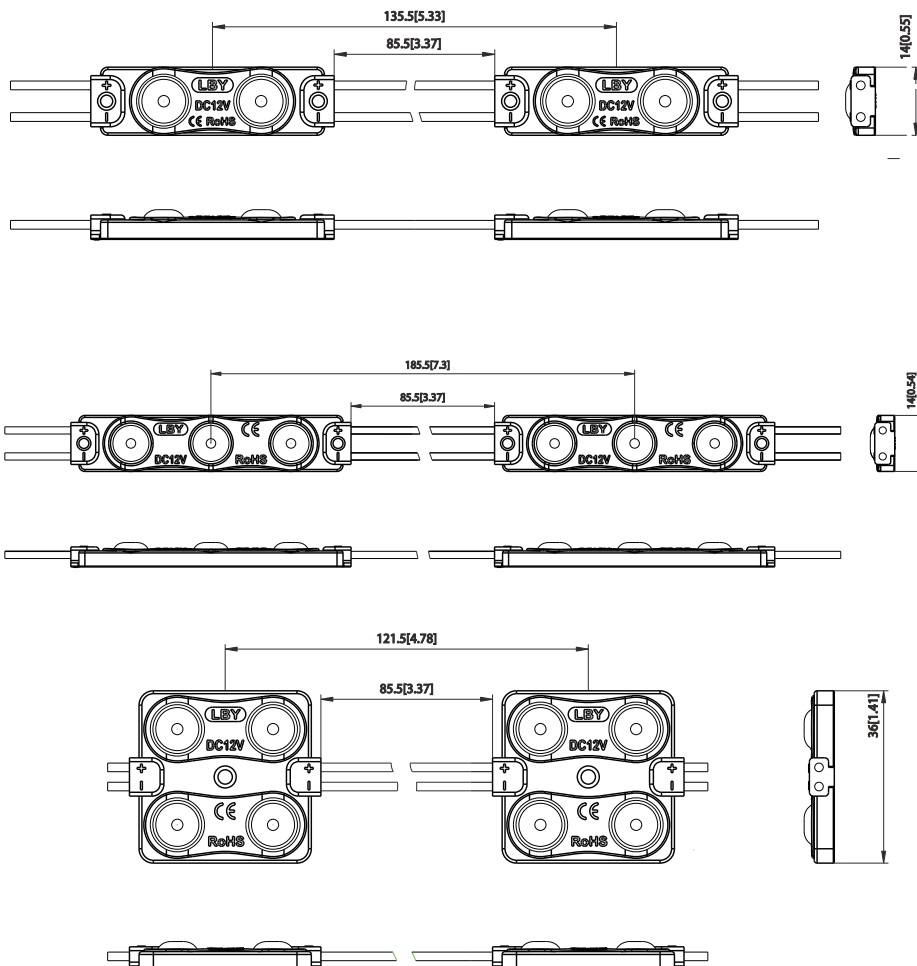
- Apply to 6-15 cm depth signs at airports, metros, banks, buildings and shopping malls, etc.

Parameters

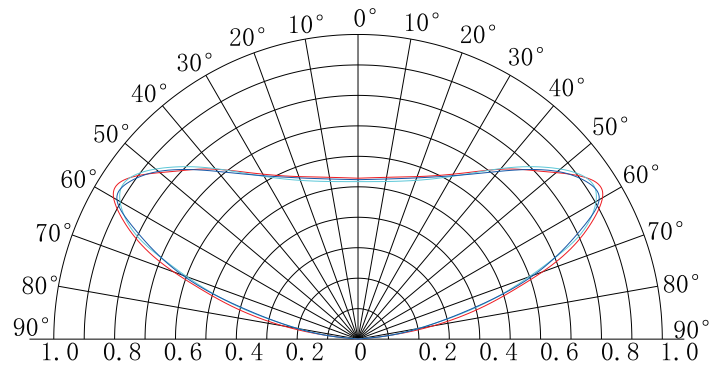
Items	Parameters		
Part Number	ZE02QAM	ZE03QAM	ZE04QAM
CCT (K)	7000K/10000K	7000K/10000K	7000K/10000K
Beaming Angle (°)	160	160	160
CRI (Ra)	≥75	≥75	≥75
Luminous Flux (lm)	55	90	100
Voltage (V)	DC12V	DC12V	DC12V
Power (W)	0.6	1	1.2
Driving Method	constant voltage	constant voltage	constant voltage
Dimension (mm)	50*14*6.4	70*14*6.4	40*38*6.4
Weight (g)	8.4	10.6	13.45
Working Tem. (°C)	-25 ~ +60	-25 ~ +60	-25 ~ +60
Storage Tem. (°C)	-25 ~ +70	-25 ~ +70	-25 ~ +70
Protection Grade	IP65	IP65	IP65

Dimension

Unit:mm



Beaming Angle >



Beaming Angle 160°

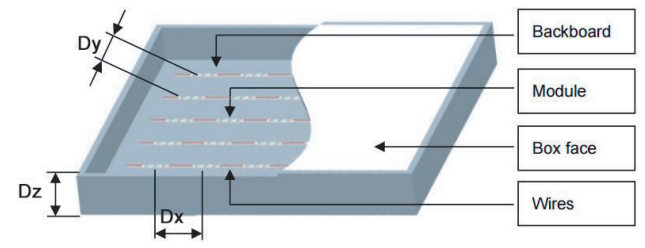
Reference Scheme >

ZE3QAM

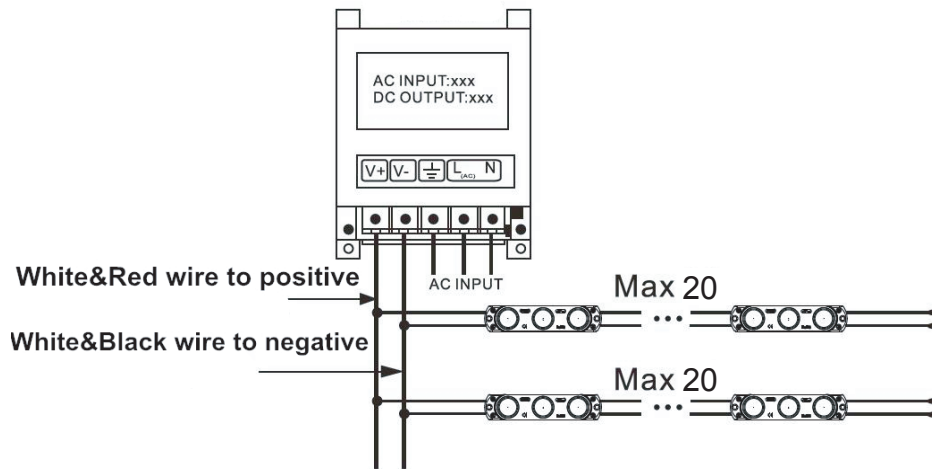
Depth(mm)	Distance(mm)	Density(pcs/m ²)	Illumination(lux)
Dz=60	Dx=75 Dy=70	85	2500-3000
Dz=80	Dx=80 Dy=70	74	2000-2500
Dz=100	Dx=85 Dy=70	62	1800-2000
Dz=120	Dx=85 Dy=70	62	1500-1800

Remark:

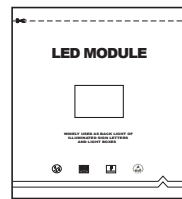
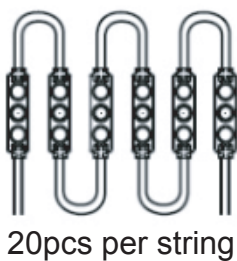
- The transmittance of the Acrylic was 56%.
- The above data is for reference only.



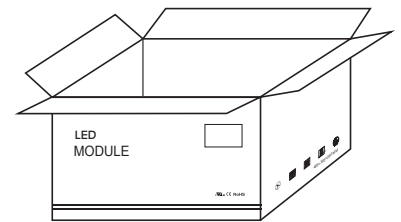
Wire Connection >



Packing >



100 pcs in an anti-static bag



1500 pcs in a carton

Packing Specification >

- Antistatic bag adopted
- Packing information

Part Number	ZE02QAM	ZE03QAM	ZE04AQM
Carton dimension(mm)	490*450*220	490*450*220	490*450*220
Bags per carton	15	15	13
Quantity per carton(pcs)	1500	1500	1040
Net Weight(kg)	9.6(1±10%)	13(1±10%)	13(1±10%)
Gross Weight(kg)	10.7(1±10%)	14(1±10%)	14(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.
- Initial location with 3M tape, then secure with screws.

Declaration



- Warranty: 3 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.



RoHS

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