

12W

1100  
LM

170°

IP33

Lifespan  
50,000h

Volt: AC110-220V



## Features



- Sourced by high output 2835 LED.
- Nice outlook design with optical lens 170 degree, less quantity for one square meter.
- High-voltage switch constant current driver, high brightness, good light efficiency, less wire loss.
- Constant power for better circuit protection.
- 10 pcs Max. in a series connection.
- Aluminum shell, UL94V-0, IP33.
- UL, CE, and ROHS certified.

## Application



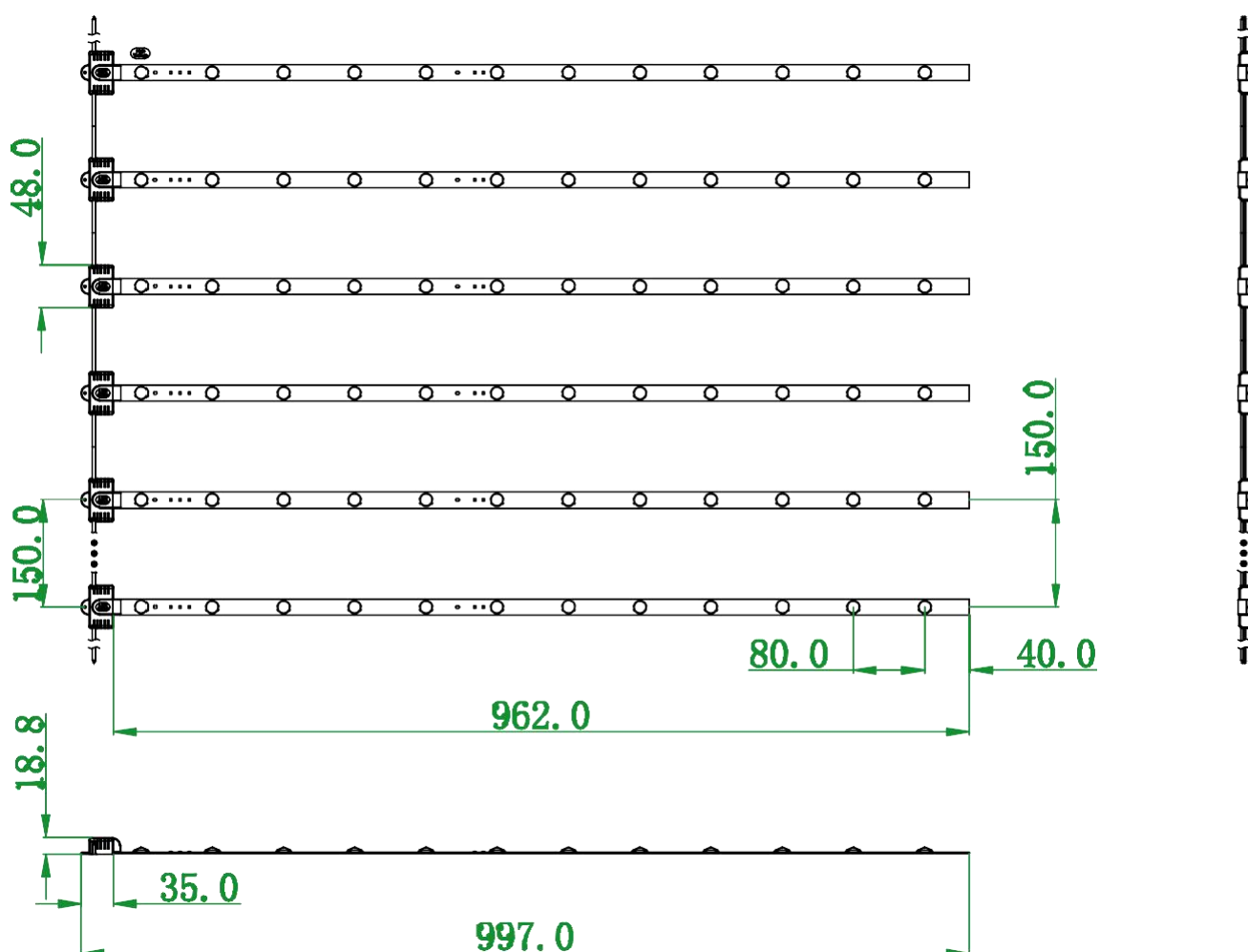
- Best for 6-15cm depth single-sided light box at airports, metros, banks, buildings and shopping malls, etc.

## Parameters

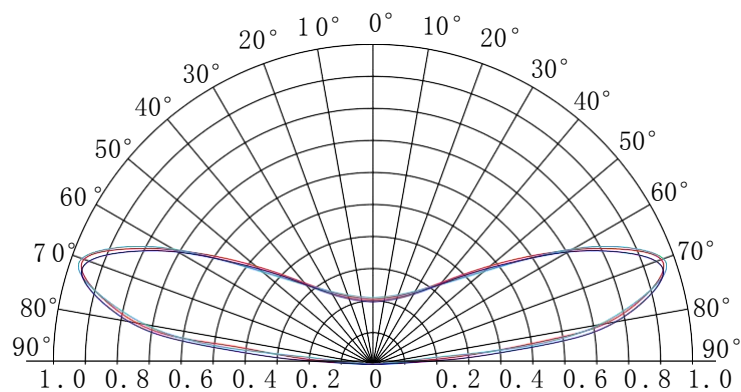
Items	Parameters
Part Number	YE12LG1
CCT ( K )	6500-8000K
Beaming Angle ( ° )	170
CRI ( Ra )	≥70
Luminous Flux ( lm )	1100
Voltage ( V )	AC110-220V
Power ( W )	12
LED Type	2835 LED
LED Qty(pcs)	10
Driving Method	Constant Current
Dimension ( mm )	997*48*18
Weight ( g )	/
Working Tem. ( °C )	-25 ~ +60
Storage Tem. ( °C )	-25 ~ +70
Protection Grade	IP33

## Dimension

Unit:mm



## Beaming Angle >



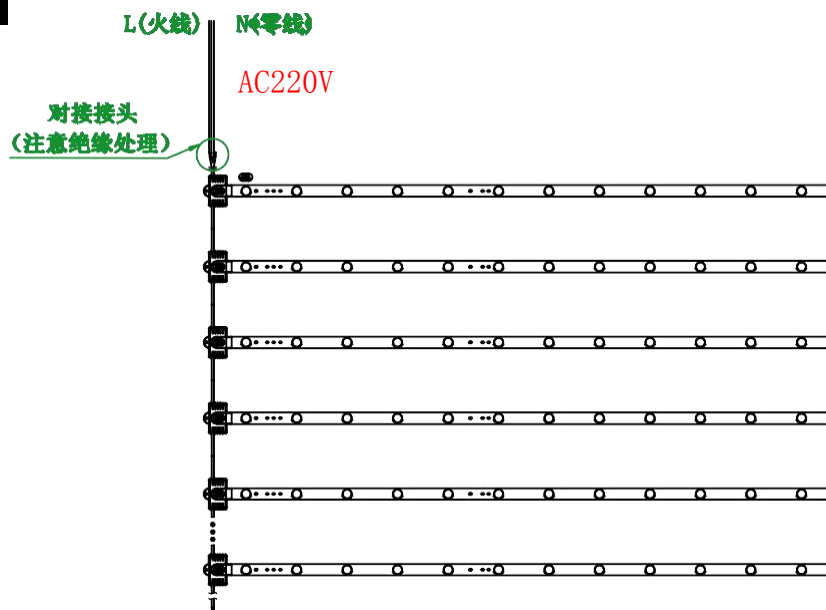
## Reference Scheme >

Depth(mm)	Distance(mm)	Density(pcs/m <sup>2</sup> )	Illumination(lux)
Dz=60	Dx=100 Dy=100	9	2780-3270
Dz=80	Dx=120 Dy=120	8	2270-2540
Dz=100	Dx=120 Dy=120	8	1720-2240
Dz=120	Dx=130 Dy=130	7	1354-1754
Dz=150	Dx=150 Dy=150	6	1170-1450

Remark :

- The transmittance of the advertising fabric was 28%.
- The above data is for reference only.

## Wire Connection >



## Packing >



## Packing Specification >

- Each piece in a inner box, 50 pcs in a carton
- Packing information.

Part Number	YE12LG1
Carton dimension(mm)	583*242*270
Qty per inner box	4bars/set
Quantity per carton(pcs)	40
Net Weight(kg)	4.8(1±10%)
Gross Weight(kg)	6.0(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.

## Instructions



- When installing the product, please switch off the power.
- The working voltage is allowable from AC85V to AC265V, do not exceed this range.
- Please use constant voltage power supply and leave 20% or more balance of its total power.
- Make isolation and corrosion prevention on all wire points and wire ends.
- The maximum series connection quantity for YE12LG1 is 10 pcs, please do not exceed this number.
- The products can be installed by screws, rivets as well as silicon gel, please do not use Acidic or alkaline adhesive.
- The high power LEDs create more heat, please install the products on the surface of material with good heat dissipation such as metallic or aluminium panel.
- 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.
- 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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