

Features:

- No UV or IR light radiation.
- Provide 115° beam angles.
- The luminous flux per module 80lm
- 67lm/w, only 36pcs modules are needed per square 1200 Lux (the surface panel is 3mm white acrylic board).
- UV Stabilized plastic Lens and plastic Lamp Shell.
- 50pcs modules; cut between modules is allowed .A single module can work alone, convenient to use.
- Correlated Color Temperature: 6500-7000K
- Operating temperature: -20℃~+60℃.
- DC12V
- IP Degree: IP65



Benefits

- Energy Cost Savings:
Over 80% Compared to Incandescent.
- Solid-State:
High-Shock & High-Vibration Resistant,
Both Electrical and Mechanical
- Eco-Friendly:
No Mercury, No Lead Content
- No Hazardous Emissions:
No UV or IR Radiation
- Constant Light Output:
Even Lighting, Non-Halation
- No glare, no stroboscopic
- Fine heat output structure

Application:

- Channel letters backlighting
- Indoor lighting and decoration
- Architecture lighting
- Advertising light box backlighting
- Sign board backlighting
- Commercial sign backlighting

Product Specifications:

Lamp Shell	Plastic
Voltage	DC12 V
Wattage	1W/pcs
Color	White
IP	IP65
Operating Temperature	-20℃ ~ +60℃
Storage Temperature	-30℃ ~ +70℃
Net Weight per piece (g)	563g
Warranty period	36 month
Size	40MM×33MM×6.5MM
Standard connection	50pcs
Conforming standard	CE\ROHS

Tips:

- Tolerable range for luminous flux,color rendering and rated power: $\pm 10\%$.
- Tolerable range for operating voltage: $\pm 5\%$.
- Testing temperature: $25 \pm 1^{\circ}\text{C}$.
- Warranty limited:3 years or 13000 hours;Whichever comes first.
- The maximum cascade number is 50pcs when supply power at one end. Do not exceed.

Product Selection Guide:

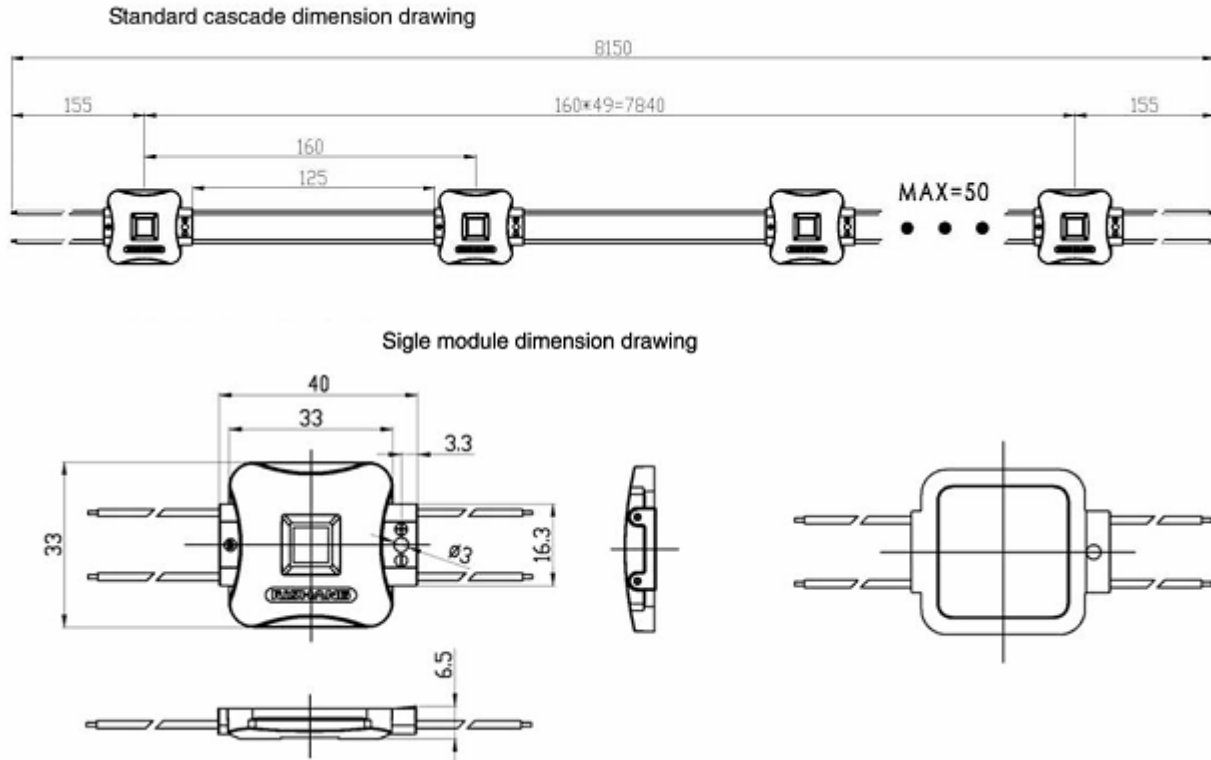
Product	Beam Angle	Total Lumens	CCT	Luminous Efficiency	CRI
LS-HW1W1R1	115°	$80 \pm 5\%$	5500-6500K	67lm/W	$\text{PF} \geq 70$

LS-HW1W1R1

① ② ③ ④ ⑤⑥ ⑦

- ① LS: led Modules
- ② H: High Power LED Type
- ③ W: W (white)
- ④ 1W: the single LED is 1w
- ⑤ 1: 1pcs of led
- ⑥ R: DC12V
- ⑦ 1: Crust type

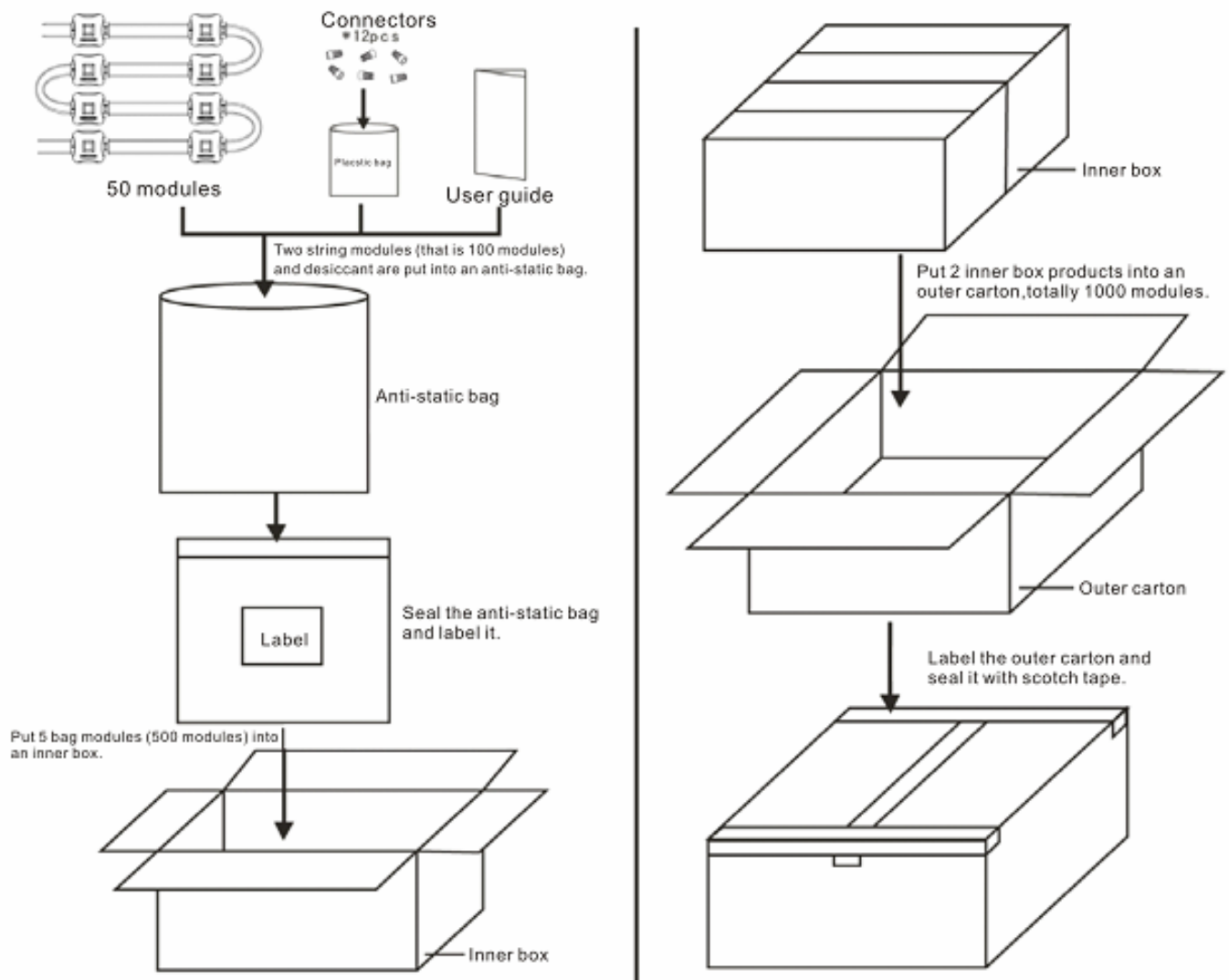
Product Dimensions:



NOTES:

1. All dimensions unit in mm
2. Tolerances is ± 0.5 mm unless otherwise noted.

Package Dimension



Installation Instructions and Warnings:

- Carton size: 568*523*252mm:
- Each string has 50PCS, 2 strings in one bag, totally 90 pieces;
- 6 bag modules are packed in to one inner carton, and 2 inner carton products are put into one outer carton (totally 1000 modules in one outer carton).
- Net weight (NW): 12.1 ($1 \pm 5\%$) Kg:
- Gross weight (GW): 14 ($1 \pm 5\%$) Kg: