

Features:

- No UV or IR light radiation.
- Provide 118° beam angles.
- Using high luminous efficiency LED, a single white module's luminous flux can be up to 21lm, luminous efficiency 70lm/w
- UV Stabilized plastic Lens and plastic Lamp Shell
- Life expectancy: 3 years \geq 13000 hours (L_{70}).
- All-inclusive aluminum process ensures good heat dissipation and high IP grade IP65
- Correlated Color Temperature: 5500-6500K
- Operating temperature: -20°C ~ +60°C.
- DC12V
- Convenient to install: The standard cascade number 50pcs modules. Three modules make a unit, no cut between each three modules.

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	0.3W/pcs
Color	White
IP	IP65
Operating Temperature	-20℃ ~ +60℃
Storage Temperature	-30℃ ~ +70℃
Net Weight per piece (g)	380g
Warranty period	24 month
Size	74×12.4×5.8mm
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:

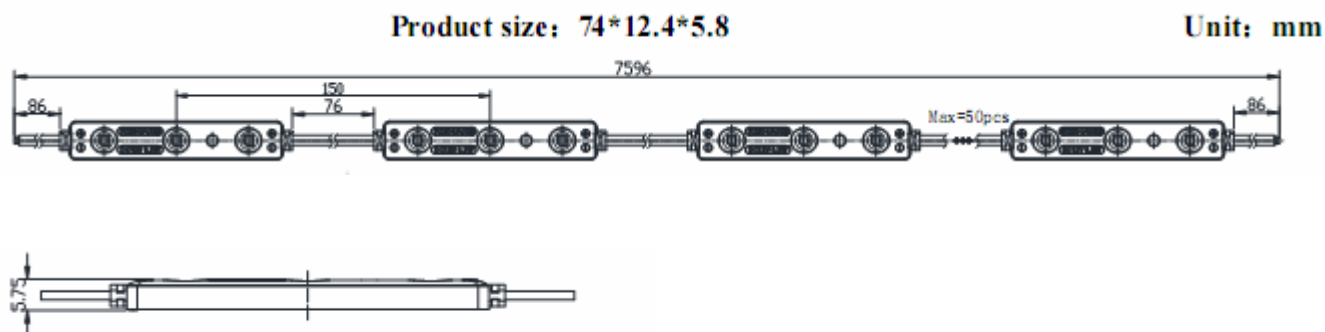
Product	Beam Angle	Total Lumens	CCT	Luminous Efficiency	CRI
LS-3528W3R1	118	$21 \pm 5\%$	5500-6500K	70lm/W	$\text{PF} \geq 75$

LS-3528W3R1

① ② ③ ④ ⑤ ⑥

- ① LS: led Modules
- ② 3528: 3528 LED
- ③ W: W (white)
- ④ 3: 3 pcs of led per module
- ⑤ R: DC12V
- ⑥ 1:Crust type

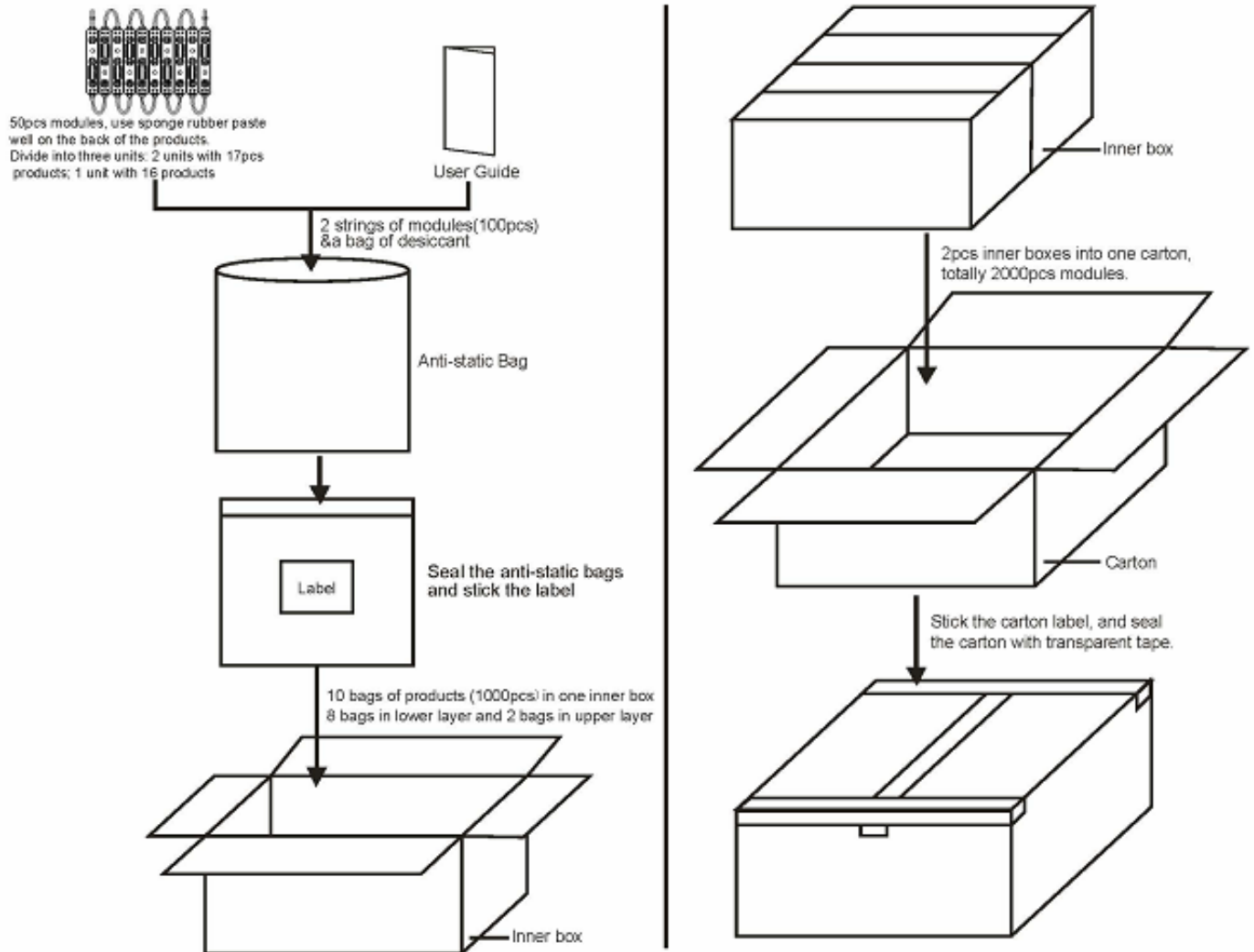
Product Dimensions:



NOTES:

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

Package Dimension



Installation Instructions and Warnings:

- Carton size: 520*370*260mm:
- Each string has 50PCS, 2 strings in one bag;
- Each inner bag has 10 small bags of modules (1000PCS), while each carton has 2 inner bags (2000 pcs);
- Net weight (NW): 15.32 ($1 \pm 5\%$) Kg;
- Gross weight (GW): 17.7 ($1 \pm 5\%$) Kg;