

NS-GLA50W-01C-U

LED Garden light



General illumination

Outdoor use in outdoor luminaires only (minimum Ip65)

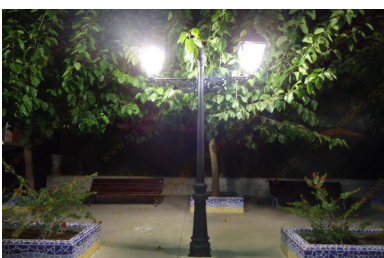
Reduces lumen maintain flux and working life if used in sealed lamp fixtures. ①

Features

- Specially designed for indoor and outdoor lighting. This lamp could replace the traditional lamp directly. suitable for different traditional light fixture with easy installation.
- Die-cast aluminum for heat dissipation, no fan design, Natural ventilation cooling system to accelerate heat dissipation
- High-luming LED 2835SMD, lamp light efficiency up to 140-150lm /W, Long life.
- Electric energy into light energy utilization rate of more than 80%, than traditional tube light save electricity above 70%;.
- Wide voltage input design, No RF interference, No IR/UV radiation, No mercury pollution.
- Widely replace the CFL/MH/HID/HPS. Applied to the Canopy Lighting, Garden Lighting, Road Lighting etc.

Applications

Garden Lighting



Road Lighting



13321 Garden Grove Blvd, #N, Garden Grove, CA 92843



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www.nssled.com



Product datasheet

Technical data

Electrical data

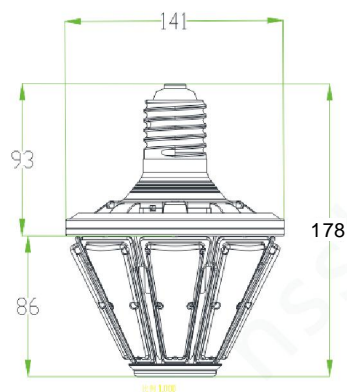
Rated wattage	50-54W
Input Voltage	100-277V AC
Operating frequency	50/60 Hz
Rated power factory	>0.90
Power Efficiency	>0.87
Humidity	< 90%
Ambient temperature	-40~45°C
Base (standard designation)	E26/E27/E39/E40
Replacement conventional lamp power	170W HID
Dimmable	NO

Light technical data

Light Source/Count	260pcs 2835 0.5WSMD
Luminous flux	7000 Lm±10%
Color temperature	WarmWhite: 3000 ~ 3,500 K NaturalWhite: 4,000 ~ 5,000 K CoolWhite: 5,500 ~ 6,500 K
Color rendering index Ra	Ra >80
Starting time	0 S
LED Emitter Life	50000hrs
Lifepan of LED Lamp	35000hrs

Product datasheet

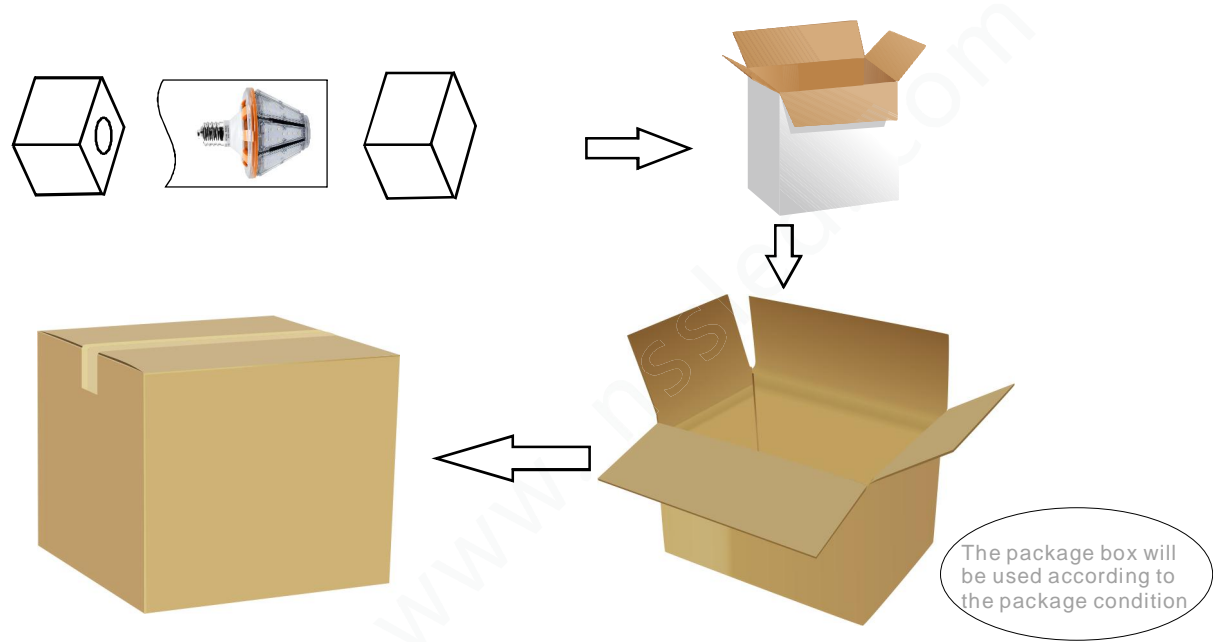
Dimensions & weight



Base	E26/E27	E39/E40
Overall length	166m	178mm
Diameter	141mm	
N. W	780g	800g

Logistical Data

Package

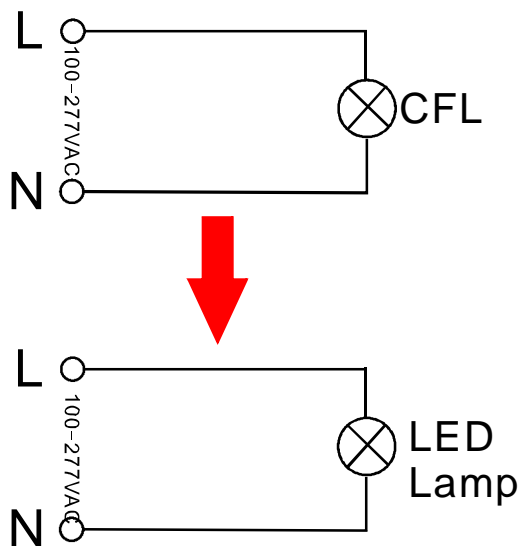


Packaging unit (Pieces/Unit)	Dimensions	Gross weight	Volume
Small box 1	17*17*22cm	0.9Kg	0.006m ³
Outer Carton 18	52.5*52.5*47cm	18Kg	0.13m ³

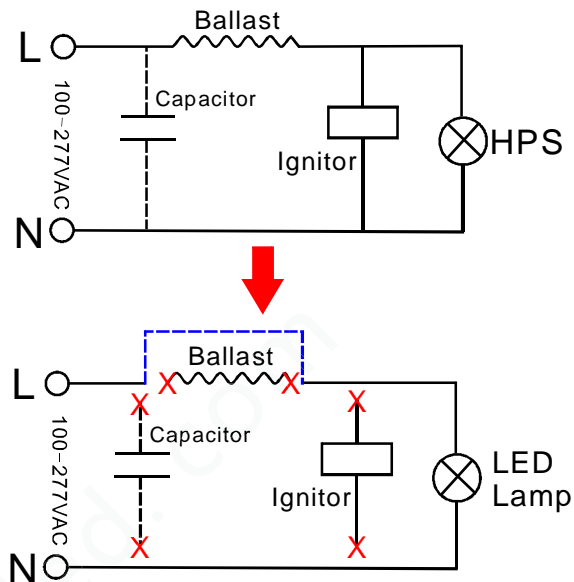
Product datasheet

Installation

Replace CFL

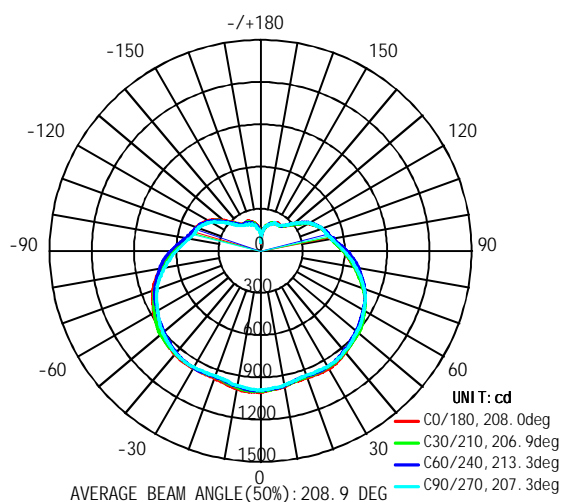


Replace HPS

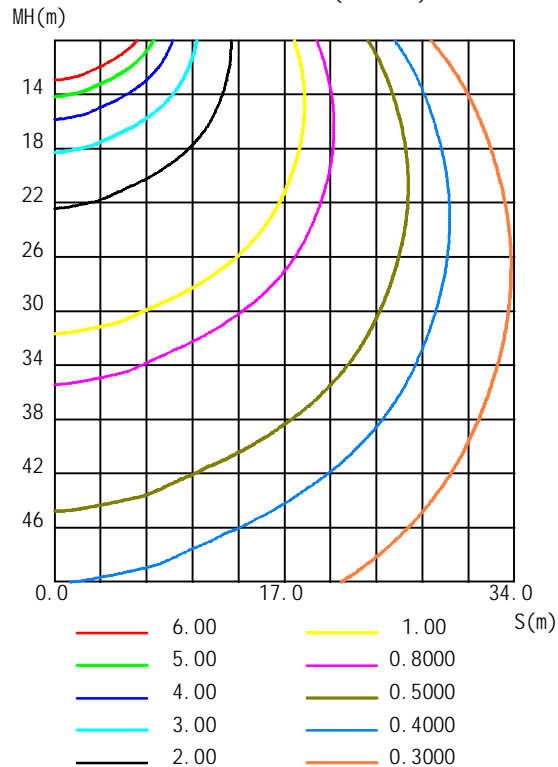


Light Distribution diagram

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



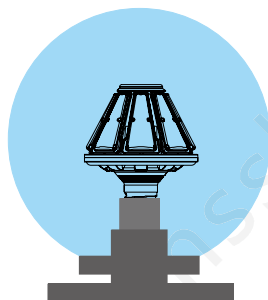
CO PLANE ISOLUX DIAGRAM (UNIT: lx)



Product datasheet

Attention①

When the products are used in the outdoor lighting, ensure the space is waterproof and well ventilated. Pay attention to the size of the confined space. Ensure the lamp has enough space for heat dissipation which ensures lumen maintenance and extends its working life. As shown below, for your reference



When 50W Garden light is used in confined space, the diameter must be more than 50cm.

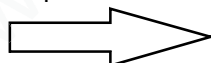
Attention②

Key Benifits of comparison	LED Garden light 50W	HPS/HID/MH/CFL Lamp 170W
Luminous Flux(Lm)	7000	6800
Efficiency(Lm/W)	140	40
Better Color Appearance Measured in color Rendering index	83	98
Wide Color Availability In CCT(kelvin)	3000-6500	2500
Starting Time, Quick Start (min)	0	0
The life of the lamp(H)	35000	5000



LED Garden
light 50W

Replacement



HPS/HID/MH/CFL
Lamp 170W

Additional product data

All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.