

## NS-ACL50W-02C

## LED Energy Saving light



General illumination

Outdoor use in outdoor luminaires only (minimum Ip65)

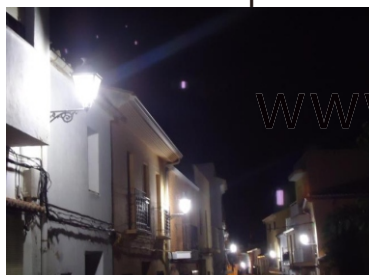
Reduces lumen maintain flux and working life if used in sealed lamp fixtures. ①

## Product features

- 360 - degree lighting angle, natural ventilation and heat dissipation  
No fan design.
- Adopt the folding process of high heat conductivity and light stamping aluminum material to increase the heat dissipation area and accelerate the heat dissipation.
- Green products are light and convenient without ultraviolet and infrared radiation.
- Not suitable for dimmers ,electronic switches and remote controls .
- Dust and fire-proof, IP64.
- Widely replace HID/HPS/MH/CFL.
- Indoor and outdoor illumination: used to Garden lights, underground parking, supermarkets, hang a wall lamp, lamp warehouse, Office lighting, etc

## Applications

Wall Lamp



warehouse



office





## Technical data

### Electrical data

Rated wattage	50-55 W
Input Voltage	100-277VAC
Operating frequency	50/60 Hz
Rated power factor $\lambda$	>0.90
Power Efficiency	>0.87
Humidity	< 90%
Ambient temperature	-40~45°C
Base (standard designation)	E26/E27/E39/E40
Replacement conventional lamp power	HPS/HID/MH/CFL Lamp 165W
Dimmable	NO

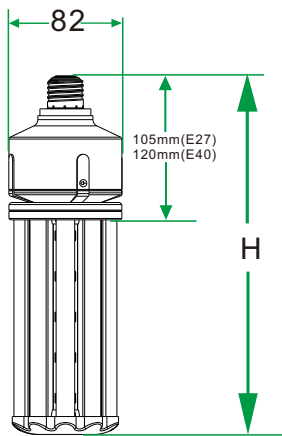
### Light technical data

Light Source/Count	384pcs 2835 0.2W LED
Luminous flux	6250±200Lm
Color temperature	Warm White: 3000 ~3,500 K NaturalWhite: 4,000 ~5,000 K CoolWhite:5,500 ~6,500K
Color rendering index Ra	Ra >80
Starting time	0 S
LED Emitter Life	50000hrs
Lifepan of LED Lamp	35000hrs



Product datasheet

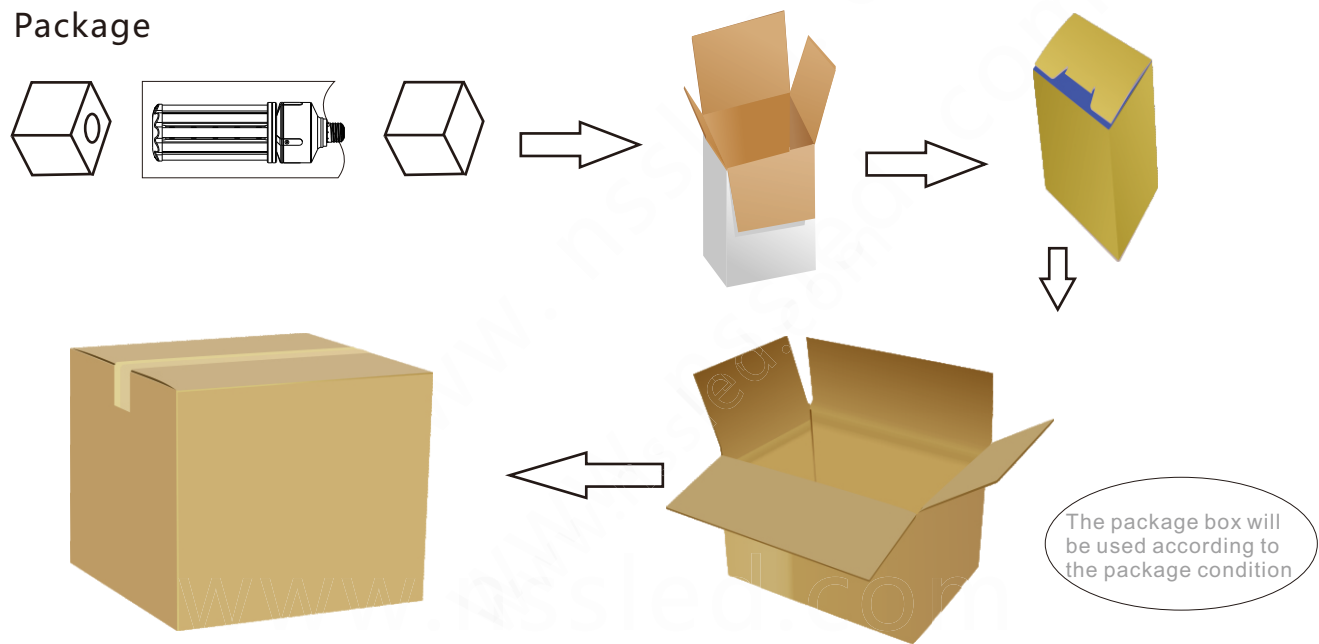
Dimensions & weight



Base	E26/E27	E39/E40
Overall length	248mm	255mm
Diameter	82mm	
N. W	360g	380g

Logistical Data

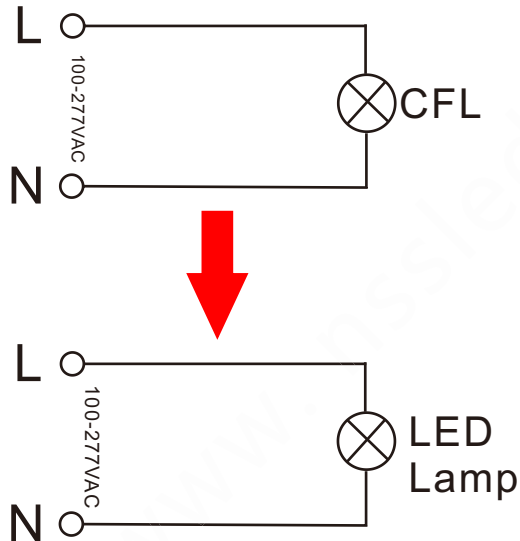
Package



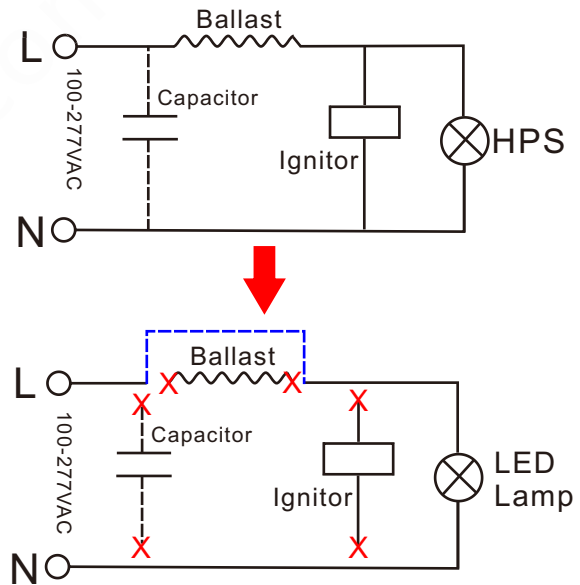
Packaging unit (Pieces/Unit)	Dimensions	Gross weight		Volume
Small box 1	12*12*29.3cm	E26/E27 510g	E39/E40 530g	0.004m <sup>3</sup>
Outer Carton 32	60*49.5*51cm	17.5Kg	18.5Kg	0.15m <sup>3</sup>

## Installation

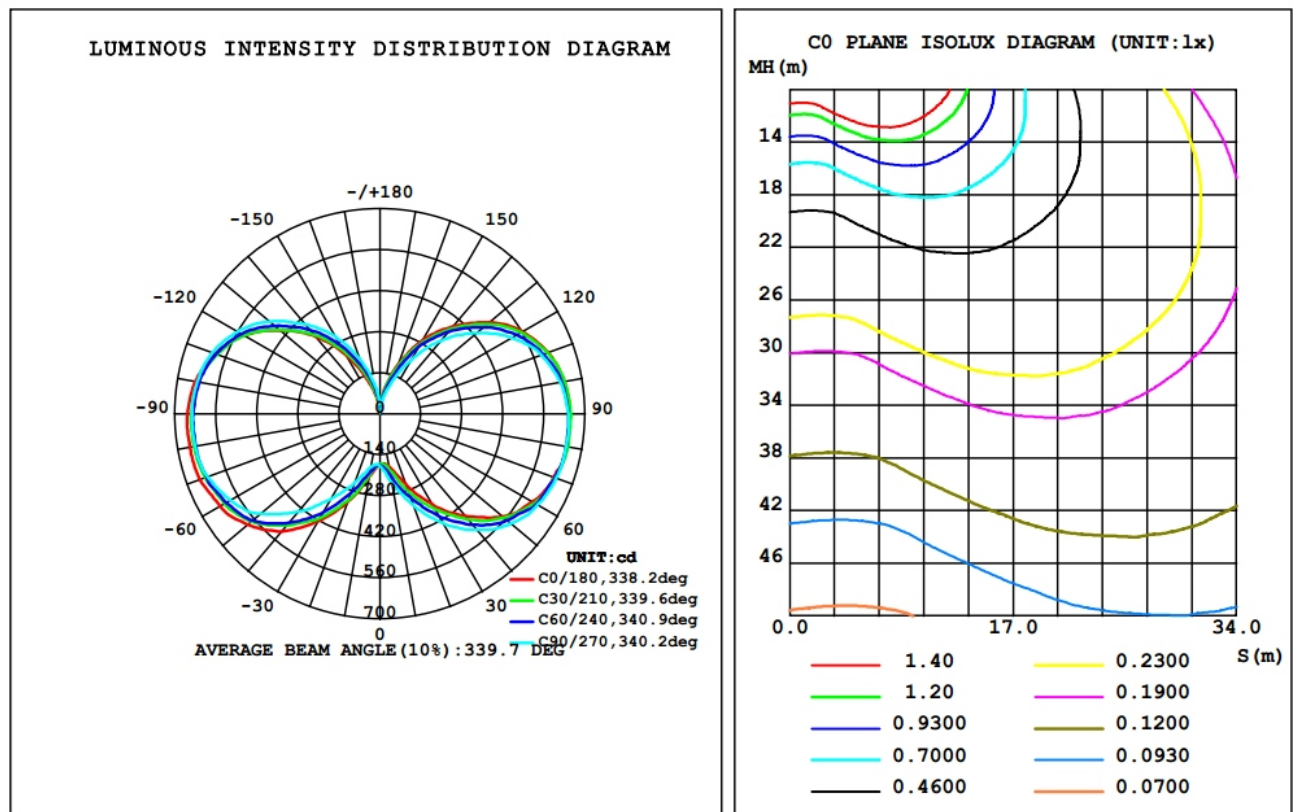
### Replace CFL



### Replace HPS/HID/MH



## Light Distribution diagram

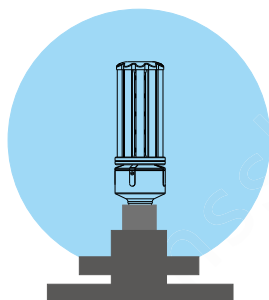


## Product datasheet

## Attention ①

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

## Attention ②

Key Benifits of comparison	LED Energy Saving light 50W	HPS/HID/MH/CFL Lamp 165W
Luminous Flux (Lm)	6250	6600
Efficiency(Lm/W)	125	40
Better Color Appearance Measured in color Rendering index	80	98
Wide Color Availability In CCT(kelvin)	2500-6500	2500
Starting Time, Quick Start (min)	0	0
The life of the lamp (H)	35000	5000



LED Energy Saving  
light 50W

Replacement



HPS/HID/MH/CFL  
Lamp 165W

## 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.