

NS-ACL20W-01

LED Energy Saving light



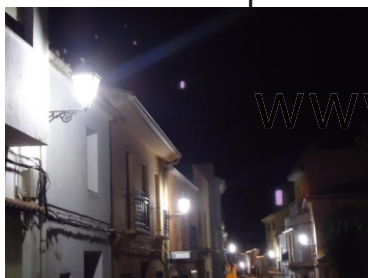
General illumination
 Outdoor use in outdoor luminaires only (minimum Ip65)
 Reduces lumen maintain flux and working life if used
 in sealed lamp fixtures. ①

Product features

- Unique structure design, removable power supply and light source (easier for power supply and light source replacement if needed).
- Pure aluminum through hole and air convection design to speed up heat dissipation .
- No UV and near-IR radiation in the light beam.
- Very low energy consumption, Lower thermal output.
- Not suitable for dimmers ,electronic switches and remote controls .
- Can be easily fitted instead of ordinary light bulbs.
- Mainly used in work places, supermarkets and public lighting.

Applications

Wall Lamp



Aisle/Ecuador



office





Product datasheet

Technical data

Electrical data

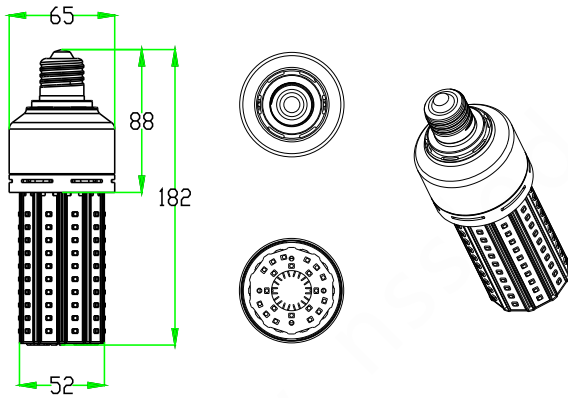
Rated wattage	20-24 W
Input Voltage	100-277VAC
Operating frequency	50/60 Hz
Rated power factor λ	>0.90
Power Efficiency	>0.87
Humidity	< 90%
Ambient temperature	-40~45°C
Base (standard designation)	E26/E27/E39/E40
Replacement conventional lamp power	HPS/HID/MH/CFL Lamp 60W
Dimmable	NO

Light technical data

Light Source/Count	144pcs 2835 0.2W LED
Luminous flux	2500±200Lm
Color temperature	Warm White: 3000 ~3,500K 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

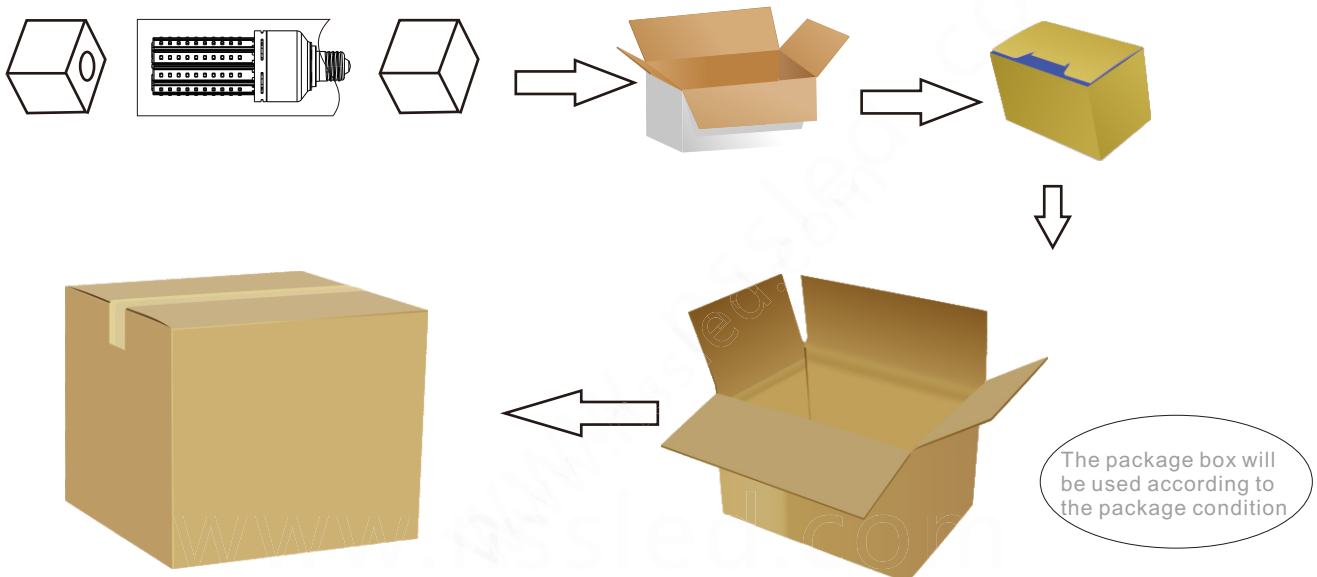
Dimensions & weight



Base	E26/E27	E39/E40
Overall length	182mm	193mm
Diameter	65mm	
N. W	290g	310g

Logistical Data

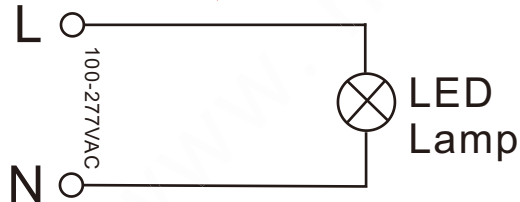
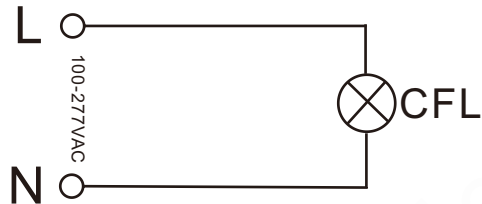
Package



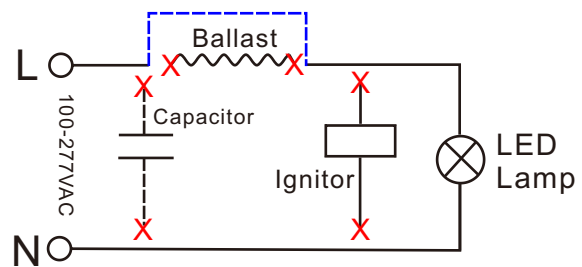
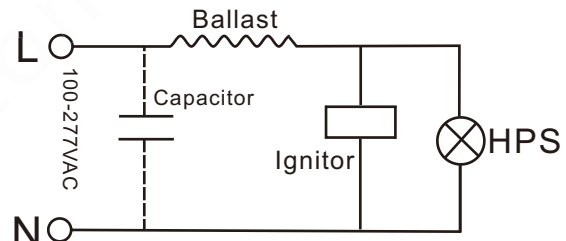
Packaging unit (Pieces/Unit)	Dimensions	Gross weight	Volume
Small box 1	20.2*9.2*9.2cm	370g	0.0017m ³
Outer Carton 40	51*42*39.5cm	16Kg	0.085m ³

Installation

Replace CFL

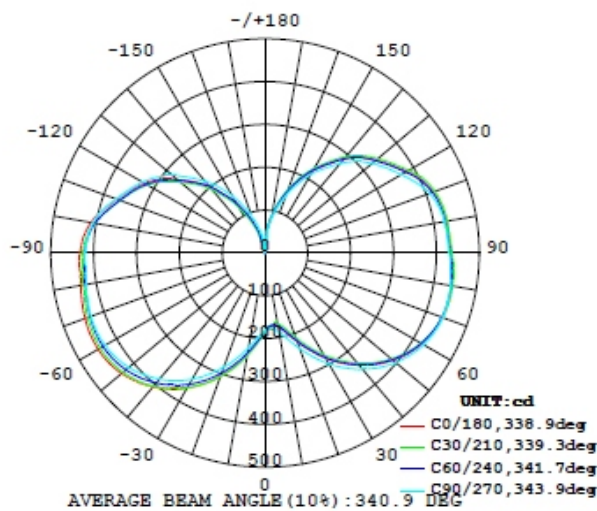


Replace HPS/HID/MH

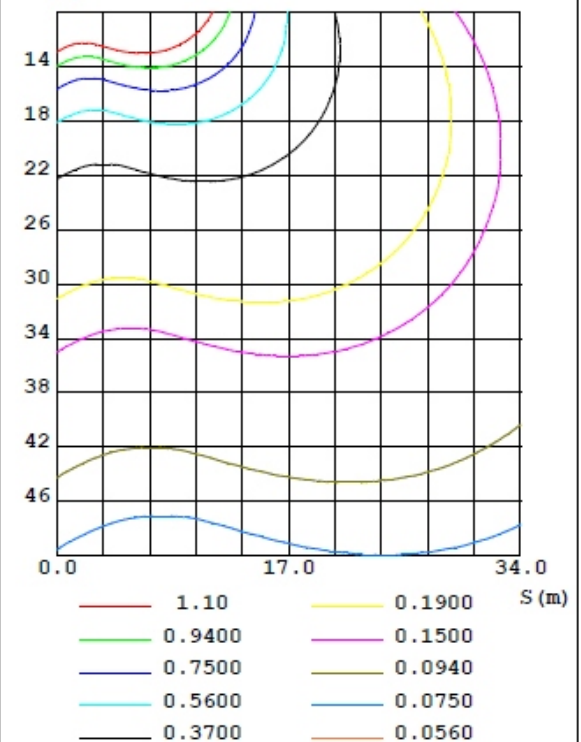


Light Distribution diagram

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

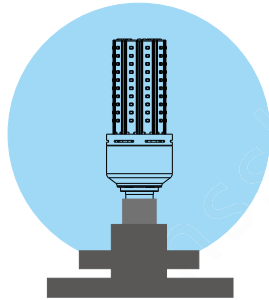


Product datasheet

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 20W warehouse light is used in confined space, the diameter must be more than 35cm.

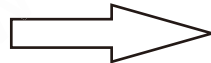
Attention ②

Key Benefits of comparison	LED Energy Saving light 20W	HPS/HID/MH/CFL Lamp 60W
Luminous Flux (Lm)	2500	2700
Efficiency(Lm/W)	125	45
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 20W

Replacement



HPS/HID/MH/CFL Lamp 60W

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.