NS-ACL30W-01

LED Energy Saving light

CE RoHS

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.
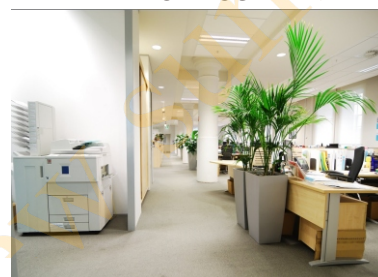
Applications

Wall Lamp	Aisle/Ecuador	office

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Product datasheet

Technical data

Electrical data

| Rated wattage	30-34 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℃
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	264pcs 2835 0.2W LED
Luminous flux	.3750±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

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Product datasheet

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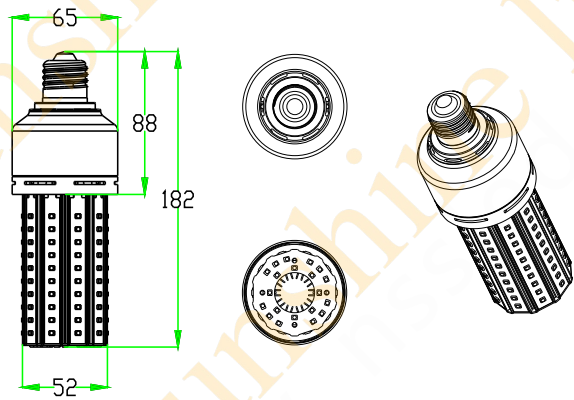
Base	E26/E27	E39/E40
Overall length	182m	193mm
Diameter	65mm	
N. W	290g	310g

Logistical Data

Package

The package box will be used according to the package condition
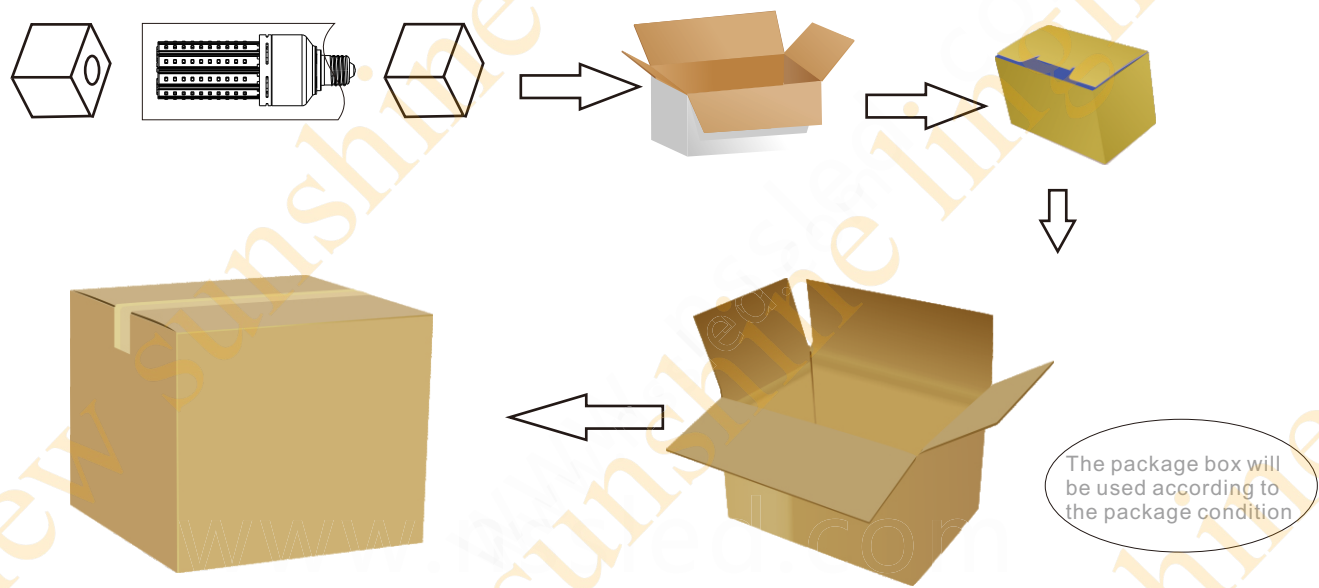
Packaging unit (Pieces/Unit)	Dimensions	Gross weight	Volume
Small box 1	20.2*9.2*9.2cm	370g	0.0017m³
Outer Carton 40	51*42*39.5cm	16Kg	0.085m³

Installation

Replace CFL

L ⊗ CFL
100-277VAC
N

↓

L ⊗ LED Lamp
100-277VAC
N

Replace HPS/HID/MH

L
100-277VAC
Ballast
Capacitor
Ignitor
⊗ HPS
N

↓

L
100-277VAC
Ballast
Capacitor
Ignitor
⊗ LED Lamp
N
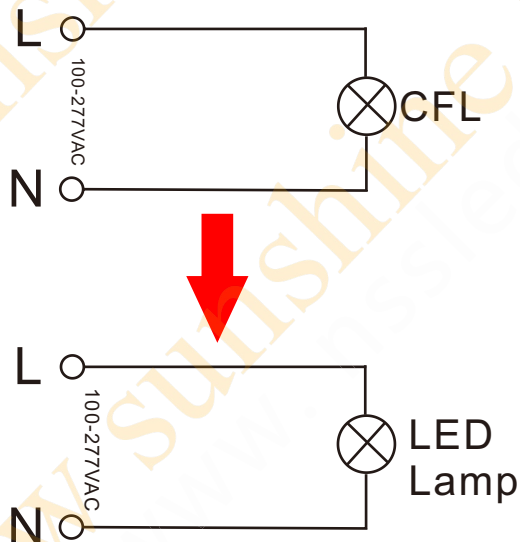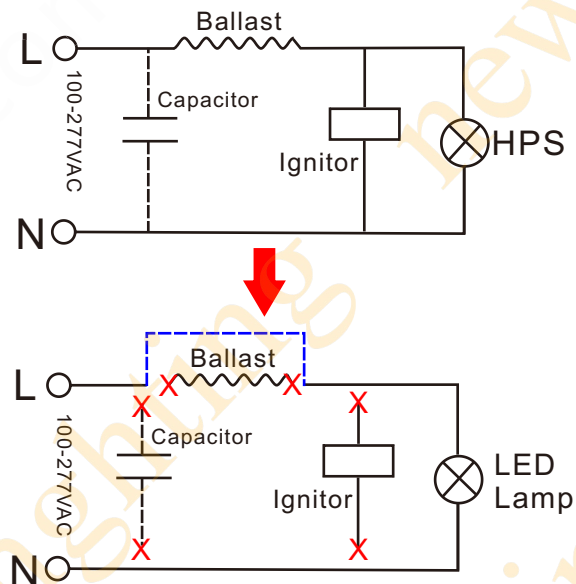
Light Distribution diagram

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
—— C0/180,338.9deg
—— C30/210,339.3deg
—— C60/240,341.7deg
—— C90/270,343.9deg

AVERAGE BEAM ANGLE(10%):340.9 DEG
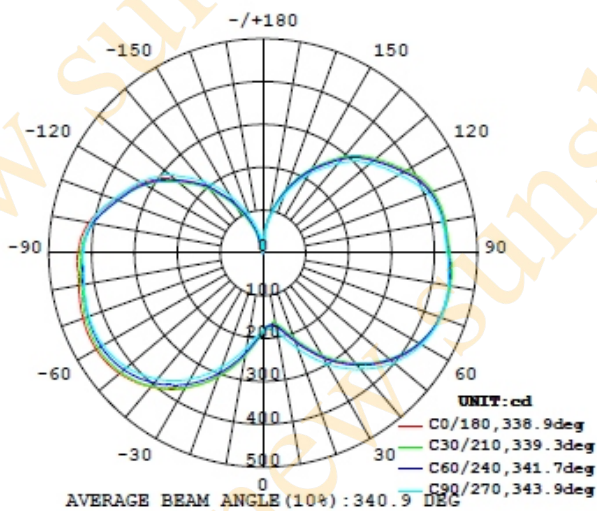
C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

MH(m)

S(m)

—— 1.10   —— 0.1900
—— 0.9400   —— 0.1500
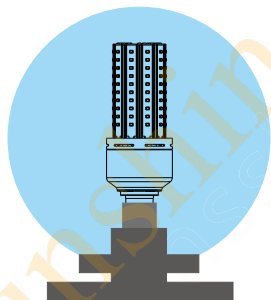—— 0.7500   —— 0.0940
—— 0.5600   —— 0.0750
—— 0.3700   —— 0.0560
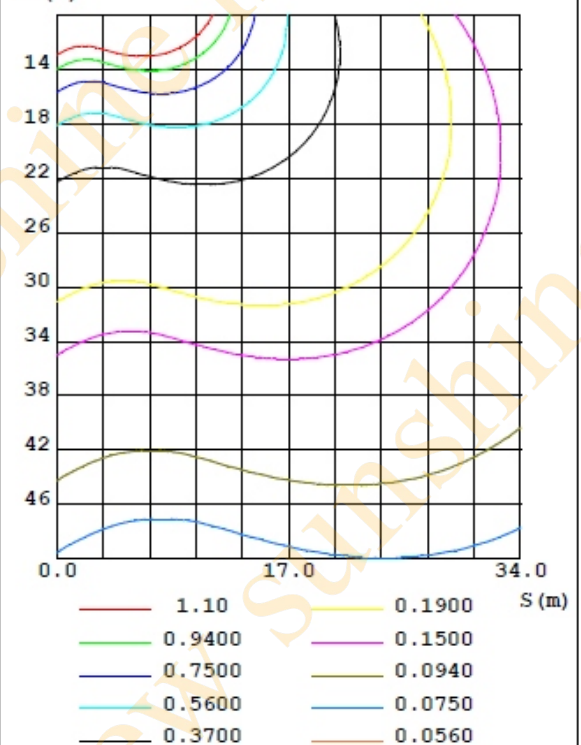
Attention ①

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 30W warehouse light is used in confined space, the diameter must be more than 40cm.

Attention ②

Key Benifits of comparison	LED Energy Saving light 30W	HPS/HID/MH/CFL Lamp 85W
Luminous Flux（Lm）	3750	3825
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 30W

Replacement

HPS/HID/MH/CFL
Lamp 85W

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.