



Joytech Products Co., Ltd.

JPSCL - 12W12S - 105S2

LED Corn 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

- No UV and near-IR radiation in the light beam.
- Very low power consumption and low thermal dissipation.
- Popular, ballast free, easy installation.
- Not suitable for dimmer, electronic switches and remote control.
- Can be easily fitted and instead ordinary bulb lights.
- Mainly used in hotel, home, supermarkets and decoration.

Applications

Desk



Wall



Chandelier



Technical data

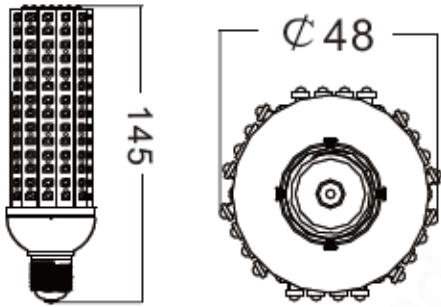
Electrical data

Rated wattage	12-14 W
Input Voltage	100-277V AC (AC90-305V is available)
Operating frequency	50/60 Hz
Rated power factor	>0.9
Power Efficiency	>0.83
Humidity	<90%
Ambient temperature	-40~45°C
Base (standard designation)	E26/E27/GX24D/GX24Q
Replacement conventional lamp power	20W CFL
Dimmable	NO

Light technical data

Light source/count	105pcs. 2835 SMD LED
Luminous flux	1300 Lm
Color temperature	Warm White: 2500 - 3500K Natural White: 4000 - 5000K Cool White: 5500 - 6500K
Color rendering index Ra	Ra > 80
Star ting time	0 sec.
LED emitter life	50000 hrs.
Lifespan of LED lamp	35000 hrs.

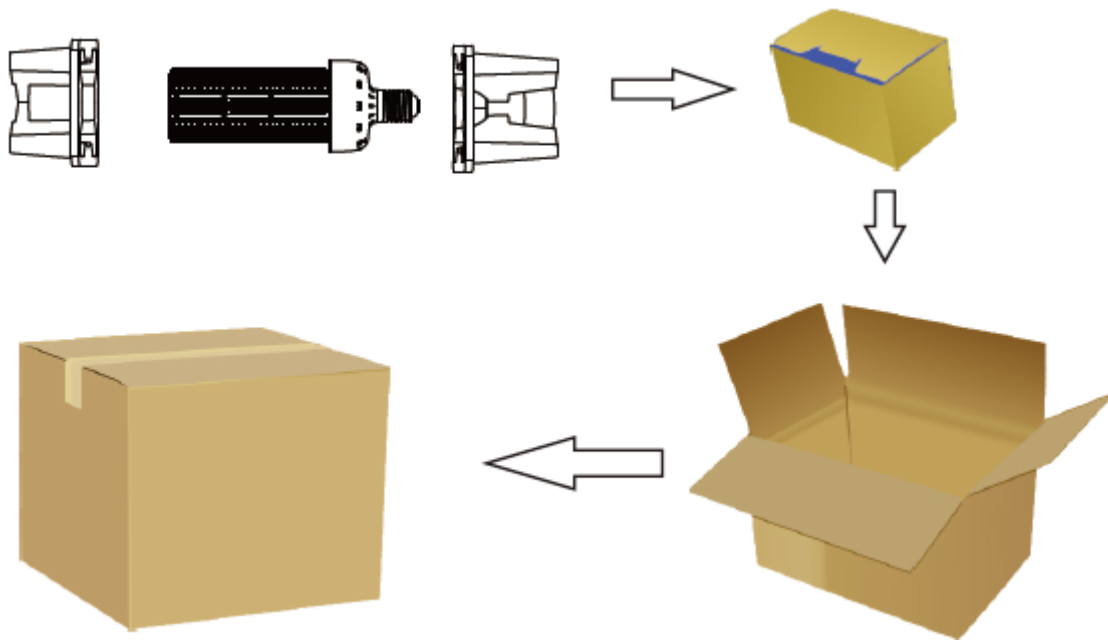
Dimension & Weight



Lamp holder type	E26/E27	GX24Q	GX24D
Overall length	150mm	132.5mm	138.5mm
Diameter	48mm	51mm	51mm
N. W	75g	48g	48g

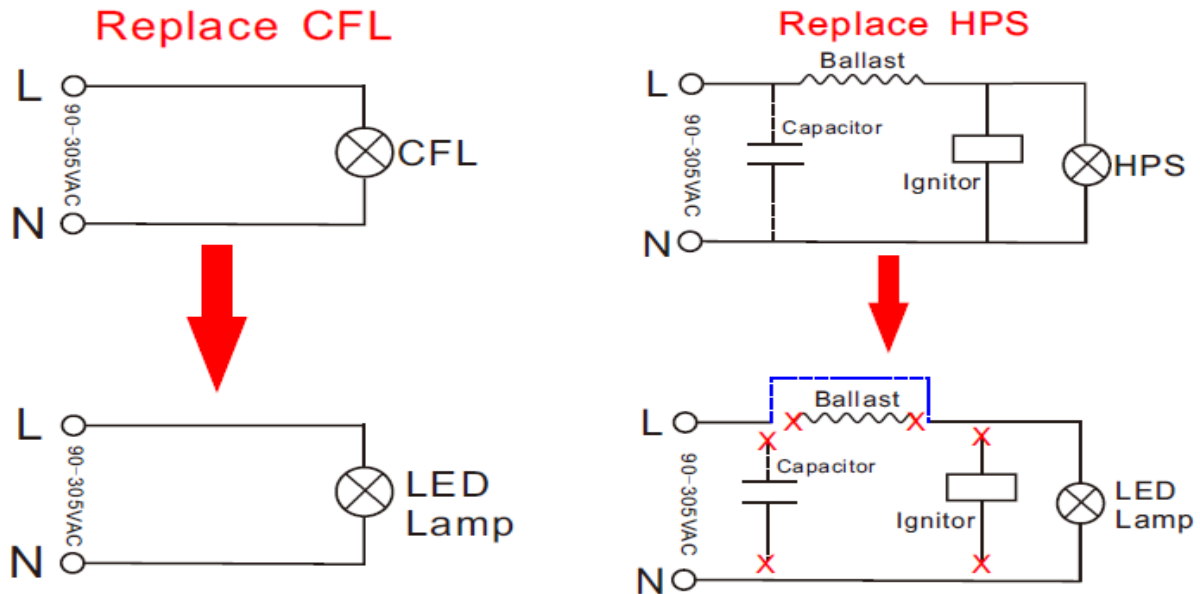
Logistical Data

Package

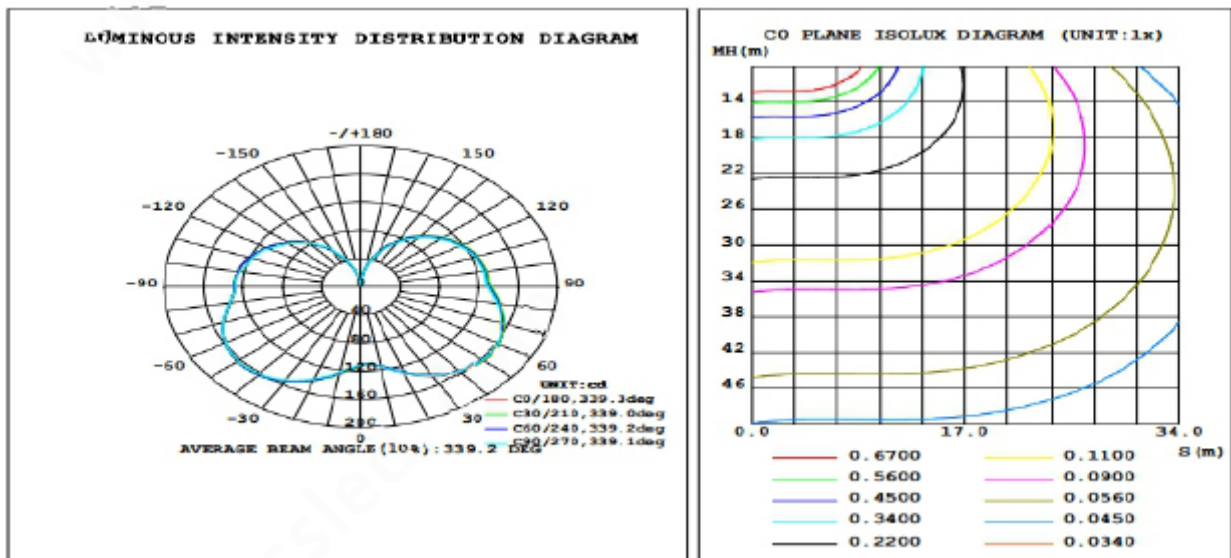


Packaging unit (Pieces/Unit)	Dimensions	Gross weight		Volume
		E26/E27	GX24Q GX24D	
Small box	5.45*5.35*15.7cm	91g	64g	458cm ³
		19Kg	13.7Kg	
Outer carton	63*34*47cm			0.112m ³

Installation



Light Distribution Diagram

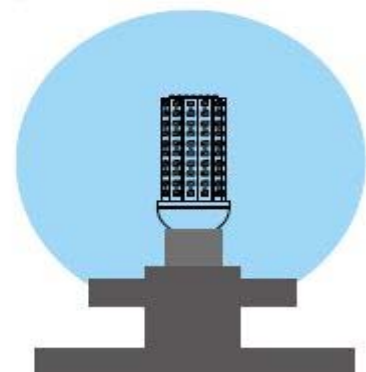


Attention-1

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.

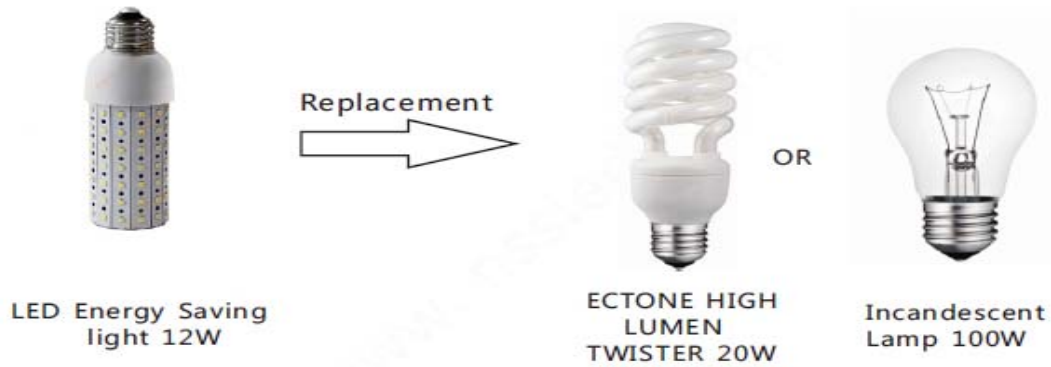
As shown below for your reference

When 12W warehouse light is used in confined space, the diameter must be more than 20cm.



Attention-2

Key benefits of comparison	LED energy saving light 12W	Ectone high lumen twister 20W	Incandescent lamp 100W
Luminous Flux (Lm)	1300	1100	1000
Efficiency (Lm/W)	107	55	10
Better color appearance measured in color rendering index	83	80	98
Wide Color Availability in CCT (Kelvin)	2700-6700	2700-6700	2700
Star ting time, quick start (min)	0	3	0
The life of the lamp (H)	35000	8000	5000



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 changes without notice except errors and omission. Always make sure to use the most recent release.

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