



# Joytech Products Co., Ltd.

**JPHBL - 15W8S - 120S2**

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

Home



Cloth Shop



Office



## Technical data

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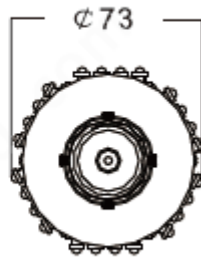
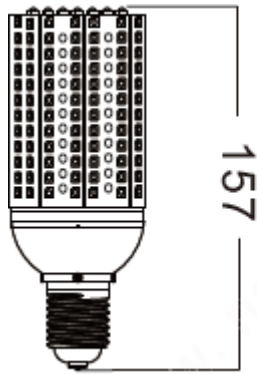
### Electrical data

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Rated wattage                       | 15-17 W                              |
| Input Voltage                       | 85-265V AC (AC100-277V is available) |
| Operating frequency                 | 50/60 Hz                             |
| Rated power factor                  | >0.9                                 |
| Power Efficiency                    | >0.85                                |
| Humidity                            | <90%                                 |
| Ambient temperature                 | -40~45°C                             |
| Base (standard designation)         | E26/E27                              |
| Replacement conventional lamp power | 30W CFL                              |
| Dimmable                            | NO                                   |

### Light technical data

|                          |   |
|--------------------------|---|
| Light source/count       | 120pcs. 2835 SMD LED  |
| Luminous flux            | 1750 Lm   |
| Color temperature        | Warm White: 2500 - 3500K<br>Natural White: 4000 - 5000K<br>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.  |

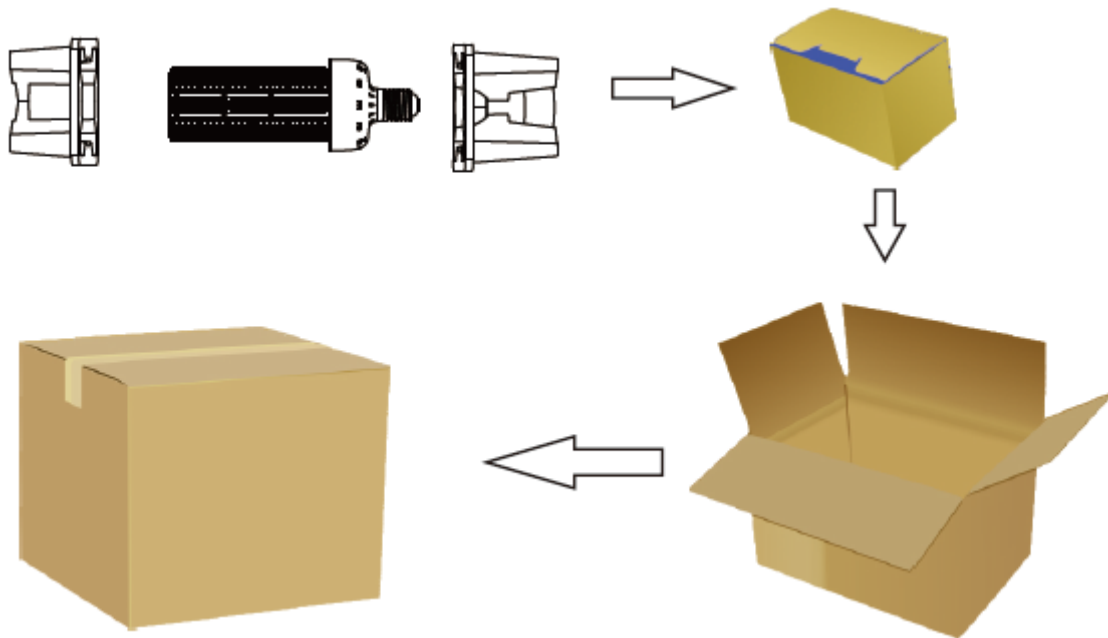
## Dimension & Weight



|                |       |
|----------------|-------|
| Overall length | 157MM |
| Diameter       | 73MM  |
| N. W           | 150g  |

## Logistical Data

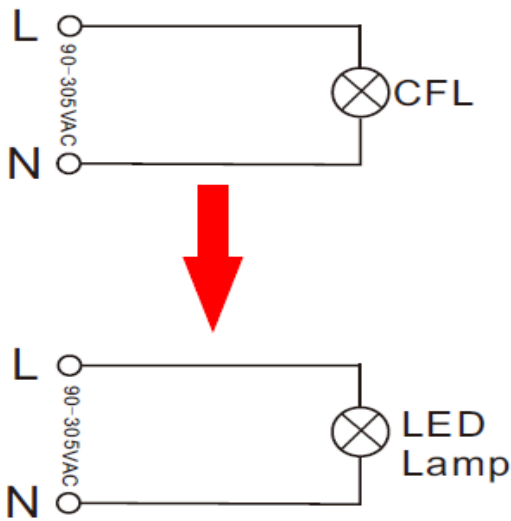
### Package



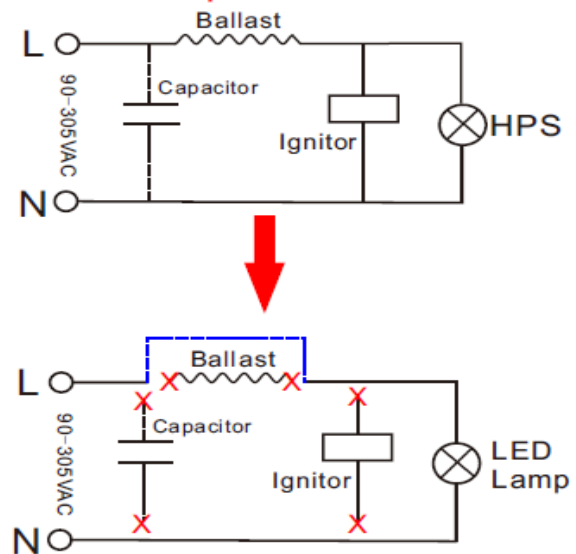
| Packaging unit (Pieces/Unit) | Dimensions      | Gross weight | Volume              |
|------------------------------|-----------------|--------------|---------------------|
| Small box                    | 21.5*9.5*10.5cm | 220g         | 0.002m <sup>3</sup> |
| Outer carton                 | 54*42*39.5cm    | 7.7Kg        | 0.09m <sup>3</sup>  |

## Installation

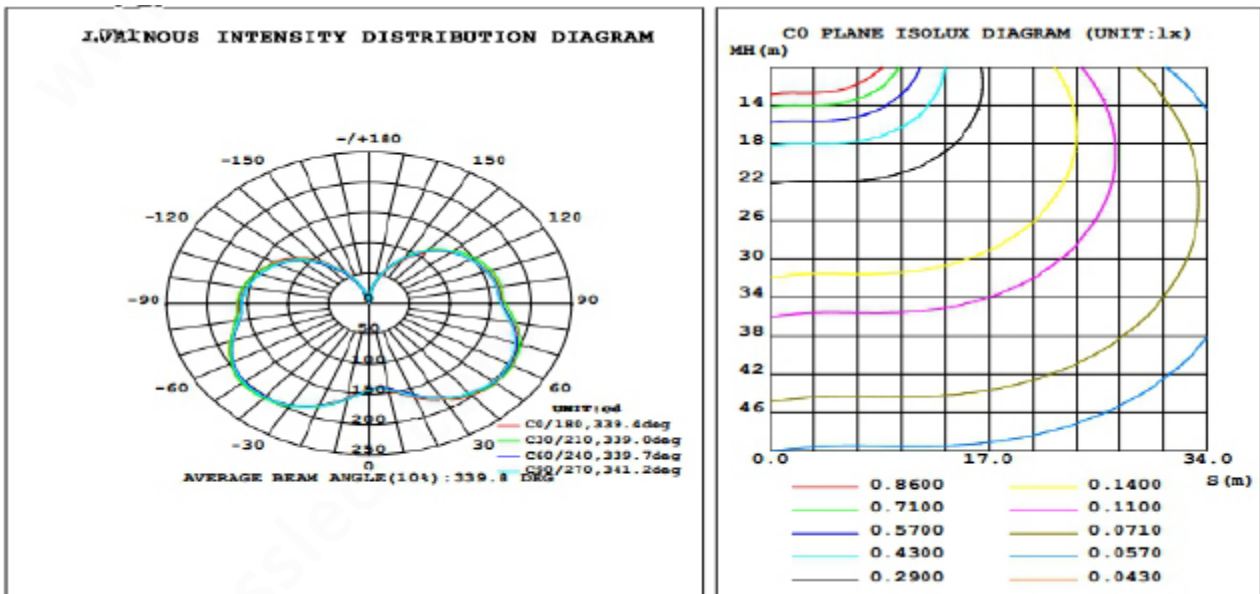
### Replace CFL



### Replace HPS



## Light Distribution Diagram

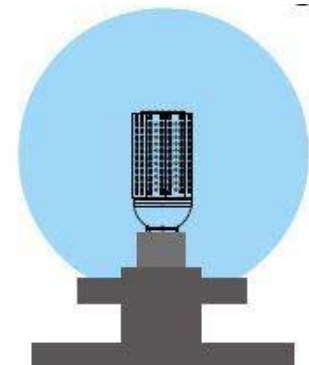


### Attention-1

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.

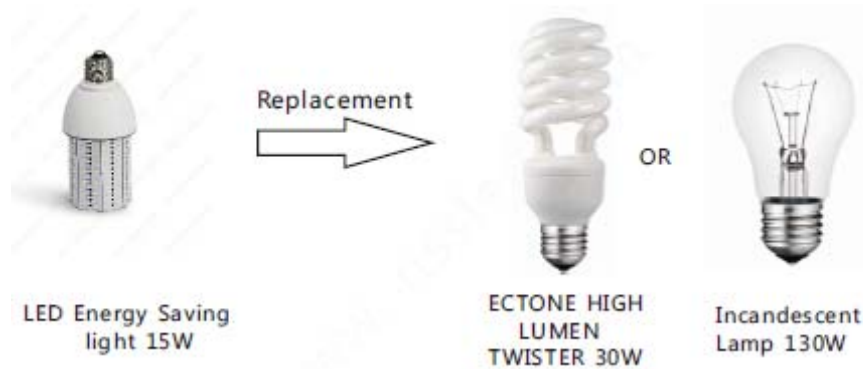
**As shown below for your reference**

When 15W warehouse light is used in confined space, the diameter must be more than 20cm.



## Attention-2

| Key benefits of comparison                                | LED energy saving light 15W | Ectone high lumen twister 30W | Incandescent lamp 130W |
|---|-----------------------------|-------------------------------|------------------------|
| Luminous Flux (Lm)  | 1750                        | 1650                          | 1560                   |
| Efficiency (Lm/W)   | 110                         | 55                            | 12                     |
| Better color appearance measured in color rendering index | 80.8                        | 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.

### JOYTECH PRODUCTS CO., LTD.

1F, No.15, Lane 27, Sec. 3 Chung-king South Rd., Taipei 100, Taiwan, R.O.C.

Tel: 886-2-23582899 Fax: 886-2-23415778

E-Mail: sales@joytech-jpc.com.tw Website: www.joytech-jpc.com.tw