

Product datasheet

NS-TWL120W-01-T

LED Temporary work Light



Features

- 360-degree luminescence, no fan design, adopt efficient ADC12 die-cast aluminum plus surface treatment to accelerate heat dissipation.
- Wide pressure isolating constant current power supply, anti-surge protection of 6000V. The lamp can withstand sudden high voltage.
- Provide socket connector, which can connect 8-10 lamps in series at the same time.
- It can be used as HIGH BAY with spotlights and stainless steel protective cover.
- Use waterproof gasket between lamp cup PC cover, power supply and lamp body connection, which can effectively waterproof, dustproof and anti-mosquito.
- Suitable for outdoor wet or wet places. IP65 waterproof rating.
- Stainless steel hooks are more convenient to use.

Applications





Product datasheet

Technical data

Electrical data

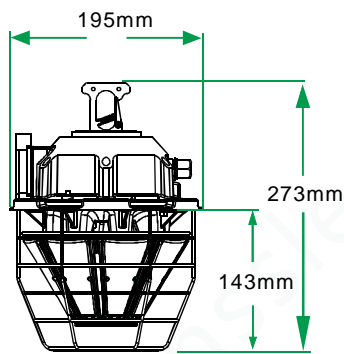
Rated wattage	120-128w
Input Voltage	100-277V AC
Operating frequency	50/60 Hz
Rated power factory	>0.90
Power Efficiency	>0.87
Humidity	< 90%
Ambient temperature	-40~45°C
Replacement conventional lamp power	360W HID
Dimmable	NO

Light technical data

Light Source/Count	455pcs 2835 0.5WSMD
Luminous flux	15000 Lm±10%
Color temperature	WarmWhite: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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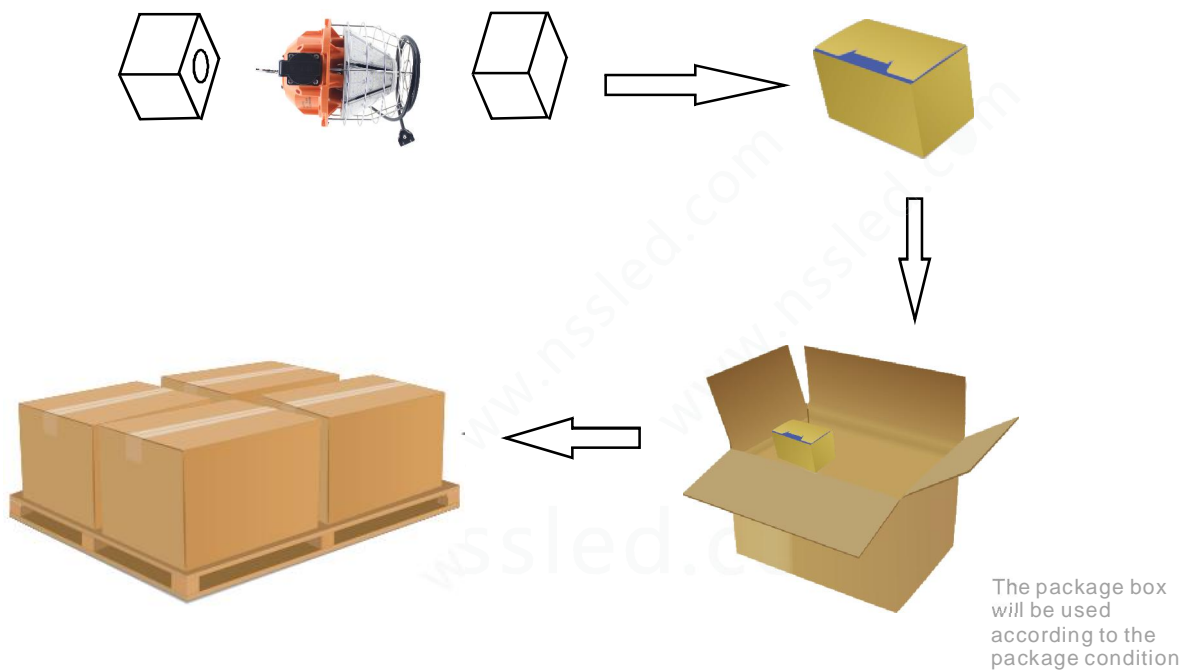
Dimensions & weight



Overall length	273mm
Diameter	195mm
N. W	2.4kg

Logistical Data

Package

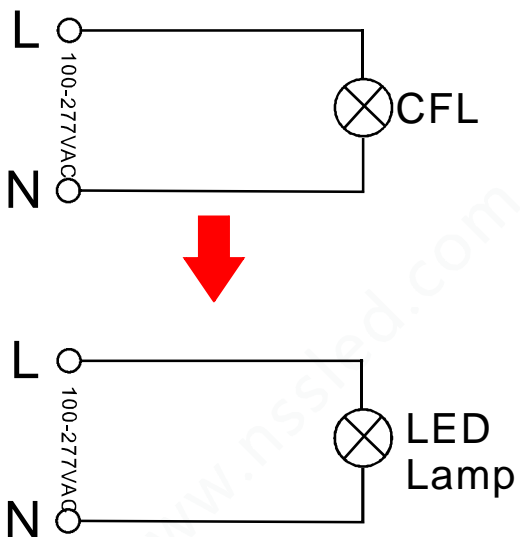


Packaging unit (Pieces/Unit)	Dimensions	Gross weight	Volume
Small box 1	31*24*24.5cm	2.6Kg	0.018m ³
Outer Carton 4	32.5*49.5*51cm	12.5Kg	0.082m ³

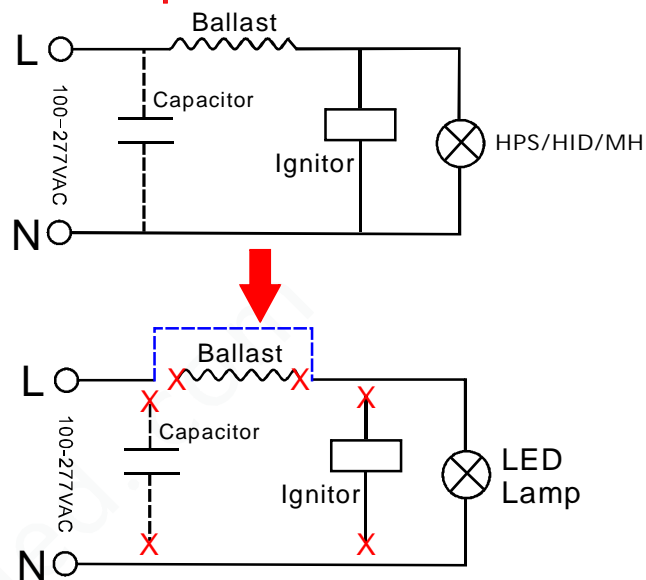
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Installation

Replace CFL

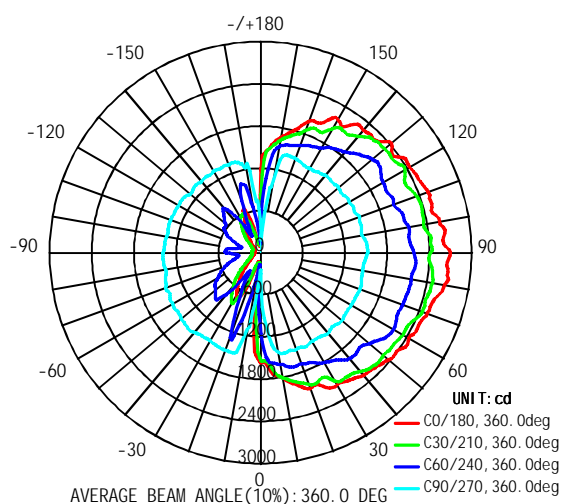


Replace HPS/HID/MH

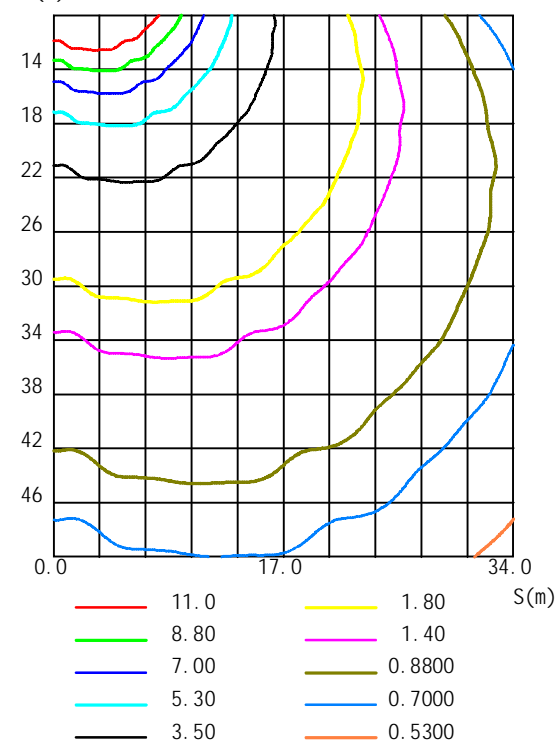


Light Distribution diagram

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

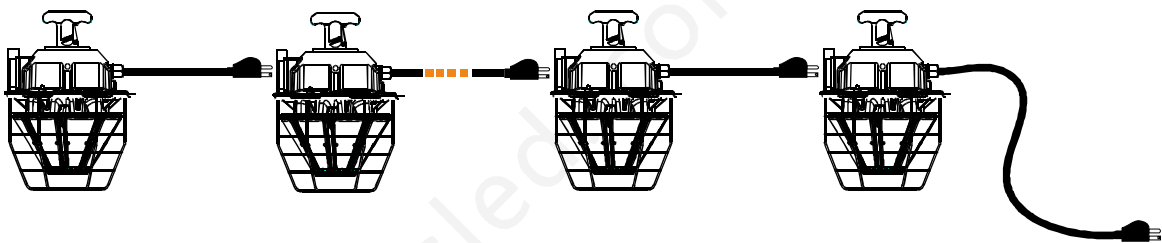


CO PLANE ISOLUX DIAGRAM (UNIT: lx)



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Attention①



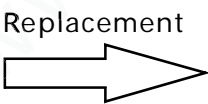
- * which can connect 8 lamps in series at the same time.
- * The standard length of 120W input plug wire is 5meters

Attention②

Key Benifits of comparison	LED Temporary work light 120W	HPS/HID/MH Lamp 360W
Luminous Flux(Lm)	15000	14400
Efficiency(Lm/W)	125	40
Better Color Appearance Measured in color Rendering index	83	98
Wide Color Availability In CCT(kelvin)	3000-6500	2500
Starting Time, Quick Start (min)	0	0
The life of the lamp(H)	35000	5000



LED Temporary work light 120W



HPS/HID/MH Lamp 360W

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.