NS-TWL80W-01-C

LED Temporary work Light

Features

■ 360 degree luminescence, no fan design. Adopt high heat conduction and portable stamping aluminum 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 lamps in series at the same time.

■ It can be used as HIGH BAY with spotlights and stainless steel protective cover.

■ Suitable for outdoor wet or humid places. IP64 waterproof rating.

■ Stainless steel hooks are more convenient to use.

Applications

Technical data

Electrical data

| Rated wattage	80-85w
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℃
Replacement conventional lamp power	250W HID
Dimmable	NO

Light technical data

Light Source/Count	540pcs 2835 0.2WSMD
Luminous flux	10000 Lm±10%
Color temperature	WarmWhite:3000 ~ 3,500K NaturalWhite:4,000~5,000K CoolWhite:5,500~6,500K
Color rendering index Ra	Ra >80
Starting time	0 S
LED Emitter Life	50000hrs
Lifepan of LED Lamp	35000hrs

Dimensions & weight

170mm

332mm

187mm
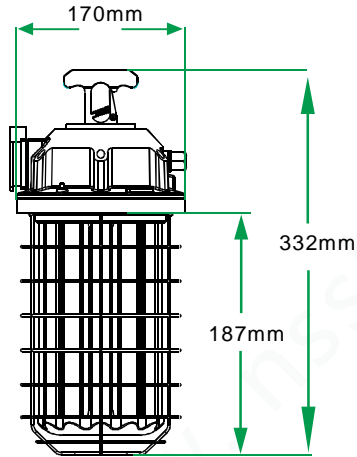
Overall length	332mm
Diameter	170mm
N. W	2.2kg

Logistical Data

Package

The package box will be used according to the package condition
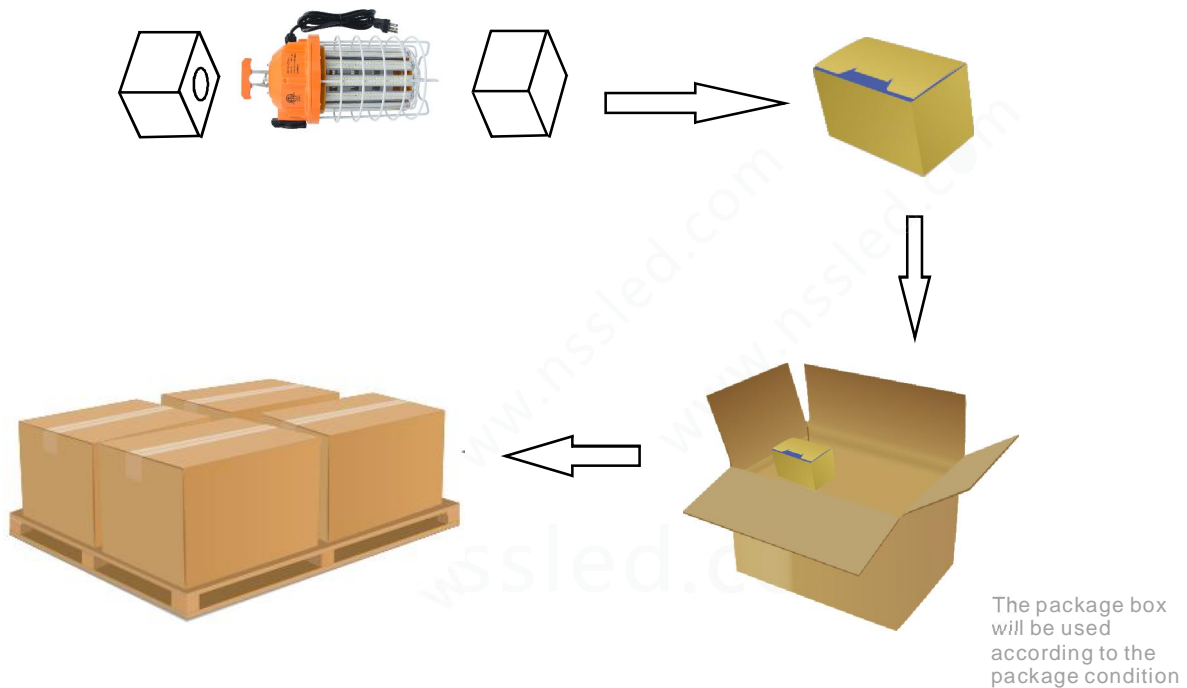
Packaging unit (Pieces/Unit)	Dimensions	Gross weight	Volume
Small box 1	37*21.5*22cm	2.4Kg	0.018m³
Outer Carton 4	38.5*44.5*46cm	12Kg	0.079m³

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Product datasheet

Installation

Replace CFL

L ○—⟨ 100-277VAC ⟩

L ○—⊗ CFL
N ○—

↓

L ○—⊗ LED Lamp
N ○—

Replace HPS/HID/MH

L ○— Ballast
Capacitor
Ignitor
○—⊗ HPS/HID/MH
N ○—

100-277VAC

↓

L ○— Ballast
Capacitor
Ignitor
⊗ LED Lamp
N ○—

100-277VAC
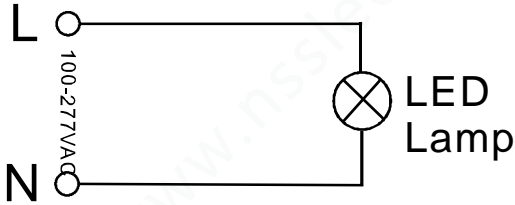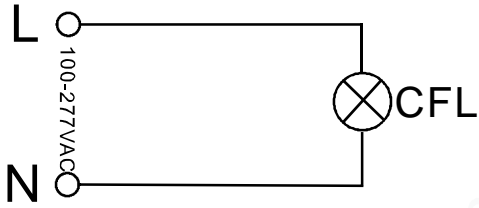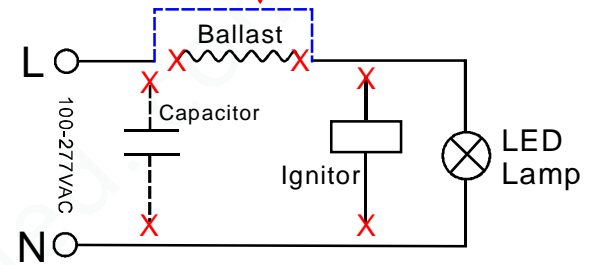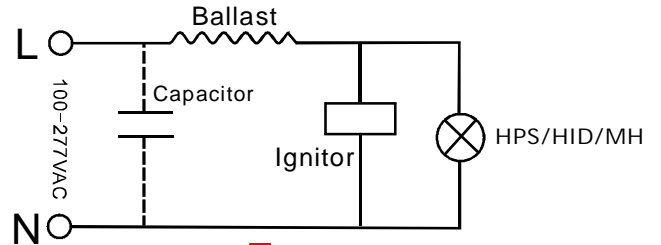
Light Distribution diagram

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
C0/180,360.0deg
C30/210,360.0deg
C60/240,360.0deg
C90/270,356.3deg

AVERAGE BEAM ANGLE(10%):359.1 DEG
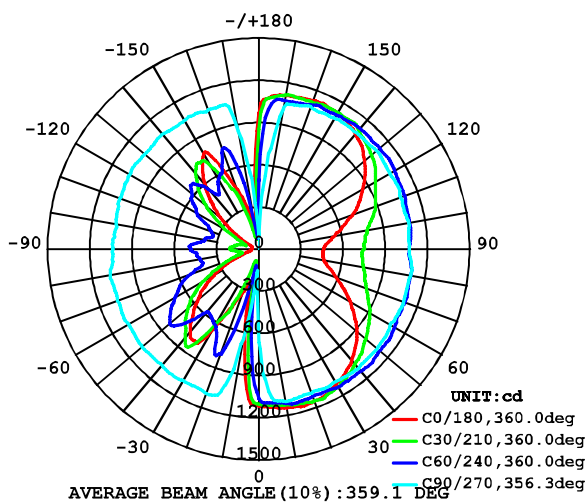
C0 PLANE ISOLUX DIAGRAM (UNIT:1x)
MH(m)

14
18
22
26
30
34
38
42
46

0.0   17.0   34.0
S (m)

— 6.70		— 1.10	
— 5.60		— 0.9000	
— 4.50		— 0.5600	
— 3.40		— 0.4500	
— 2.20		— 0.3400	
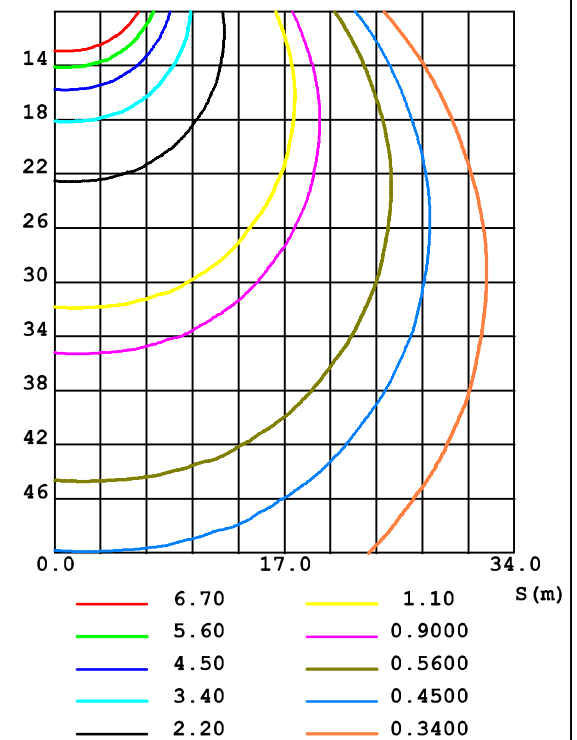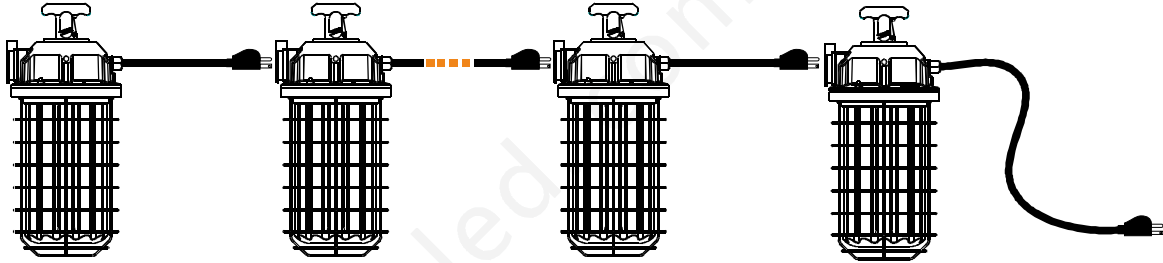
Attention①

✱ which can connect 8 lamps in series at the same time.

✱ The standard length of 80W input plug wire is 3 meters

Attention②
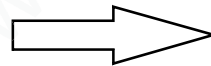
Key Benifits of comparison	LED Temporary work light 80W	HPS/HID/MH Lamp 250W
Luminous Flux(Lm)	10000	10000
Efficiency(Lm/W)	125	40
Better Color Appearance Measured in color Rendering index	83	98
Wide Color Availability In CCT(kelvin)	3000-6500	2500
Starting Time, Quick Start (min)	0	0
The life of the lamp(H)	35000	5000

LED Temporary work light 80W

Replacement

HPS/HID/MH Lamp 250W

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.