



SHENZHEN NOBLE OPTO. CO.,LTD

www.nobleled.com jenny@nobleled.com

green light, green life

MD: 86-135 1014 8875 Tel: +86-755-2765 1481/4119 Fax: +86-755-2765 1483

Address: Building C3, MingJinHai Industrial Park, SanJiaoTang, ShiYan Town, BaoAn District, Shenzhen, China 518108

100mm LED Traffic Light

NBJD112F-C-45



4' Vehicle traffic light

Specifications



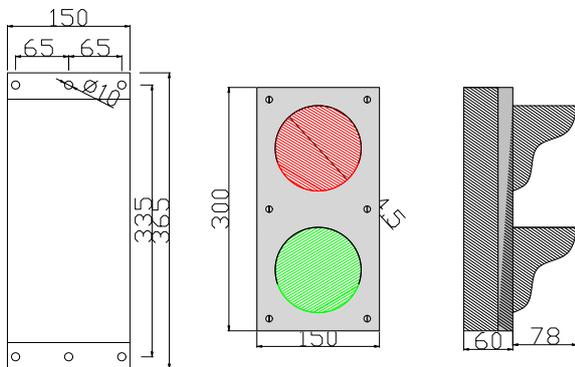
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- Shape: 100mm (4") cobweb cover
- High brightness LEDs with integrated optics
- Moisture and dust tight seal
- Total Harmonic Distortion < 20%
- Operating temperature: -20°C to 60°C
- Angle: Avg. ≥ 30° Down ≥ 30°
- Operating voltage Range: 10V-30VDC 100-277VAC
- Insulation Resistance: ≥ 2M
- Life: 100,000H
- Housing material: PC

Features/Benefits

Size (Unit: inch (mm))



- Energy saving
- Easy installation
- Low power consumption
- Long life time 100,000hours
- Wide working voltage
- Waterproof IP 65
- CE&RoHS

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Accessories:

Sun visor & Bracket

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Characteristics

Color	Size	Model Number	Profile	Voltage (VDC)	LEDs	Typical Wattage at 25°C	Luminance (cd/m²)	Typical Dominant Wavelength (nm)
	(mm)							
Red	100	NBJD100R-1	Round	12-24VDC 85-265VAC	45s	<3	>1000	625±5
Green	100	NBJD100G-1	Round	12-24VDC 85-265VAC	45s	<3	>1000	505±2

Gather to pack:

Model	Housing material	Dim.of Outer Carton	Quantity/CTN	G.W/CTN	N.W/CTN	Packing
NBJD112F-2-45	PC	410*210*260mm	1PCS	1.6	1.2	Carton

Different view



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Details



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Installation Instruction

1). Install the shield:

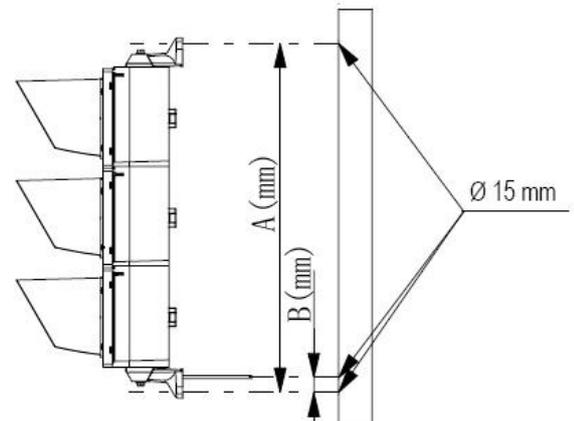
Confirming the installing direction of the traffic signal light.

Fixing the aluminum shield to the traffic signal panel with four nails of M4*6 standards

2). Hole position:

Step1: Drilling three holes with Ø15 millimeter Diameter, refer to the left installation diagram

Step2: Height: The traffic core will be fixed to the



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pole with 2.5M height (the distance between the ground and the lowest end of pole)

Step3: The frontspiece of the traffic light must face to the middle of vehicle channels

Notice: The traffic direction also can be changed by adjusting the pole.

3). Installation step

Step1: Inserting the tip to the two holes and locked up by club gasket

Step2: Inserting the cable

Step3: Fixing the two traffic brackets to the M10 screws

Step4: Screwing down the nut

4). Signal direction adjusting

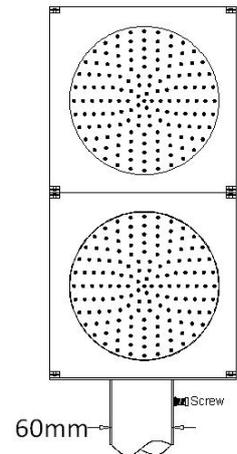
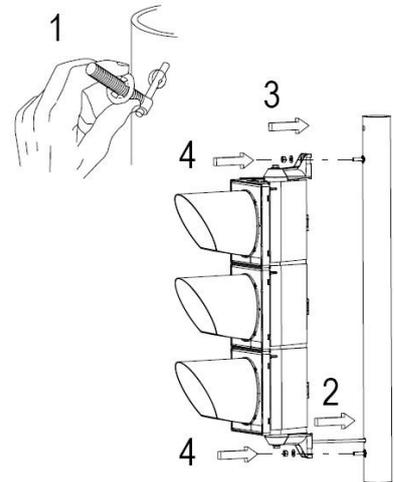
Step1: Release the connecting nail between the screws and traffic light

Step2: Adjusting the direction of the signal light

Step3: Tighten the screws, checking the traffic light direction is right or not.

5). Installation size of base bracket:

The pole diameter must be less than 60mm



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