



SHENZHEN NOBLE OPTO. CO.,LTD

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green light, green life

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

# 200mm led traffic light NBJD213F-3Y

## 8' Vehicle traffic light

## Specifications



- Shape: 200mm (8") Cobweb cover
- High brightness LEDs with integrated optics
- Moisture and dust tight seal (IP65)
- Total Harmonic Distortion < 20% (with PFC)
- Operating Temperature: -30°C to 60°C
- Angle: Avg. ≥ 30° Down ≥ 30°
- Operating voltage Range: 85-265VAC / 12~24VDC
- Insulation Resistance: ≥ 2M
- Life: 100,000H
- Housing material: PC (PMMA)

## Test parameter

## Features/Benefits

**PFC test: PFC > 0.95**



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

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Size (Unit: inch (mm))	Size (Unit: inch (mm))

Characteristics							
Color	Size	Color	Voltage	LEDs	Wattage at 25°C	Luminance (cd/m <sup>2</sup> )	Typical Dominant Wavelength (nm)
	(mm)						
NBJD213YF-3	200	Red	12~24VDC 85-265VAC	61s	<7	>8000	625 ± 5
	200	Yellow	12~24VDC 85-265VAC	61s	<7	>8000	590 ± 5
	200	Green	12~24VDC 85-265VAC	61s	<7	>8000	505 ± 2

Packing:							
Model	Material	Carton Size	Quantity/CTN	G.W/CTN	N.W/CTN	Packing	
NBJD213F-3Y	PC	890x330x250mm	1set	7.01kgs	6.07kgs	Carton	

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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.

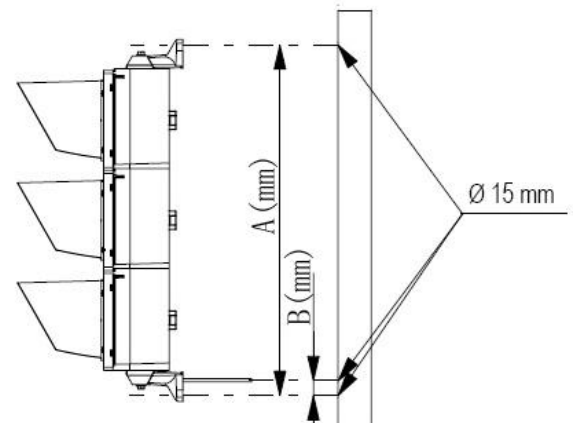
Fixing the aluminum shield to the traffic signal panel with four nails of M4\*6 standards

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



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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

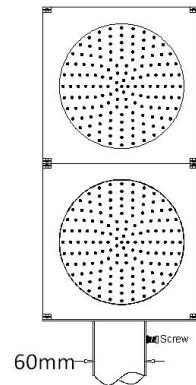
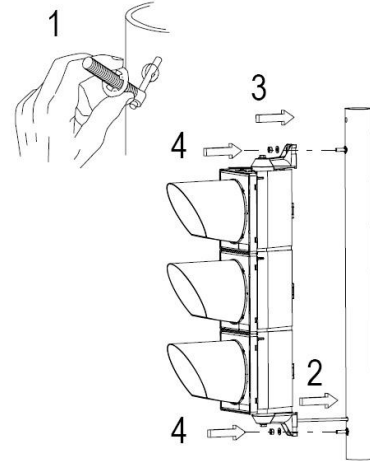
Step1: Release the connecting nail between the screws and traffic light

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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