



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 NBFX213-3

8" Vehicle traffic light

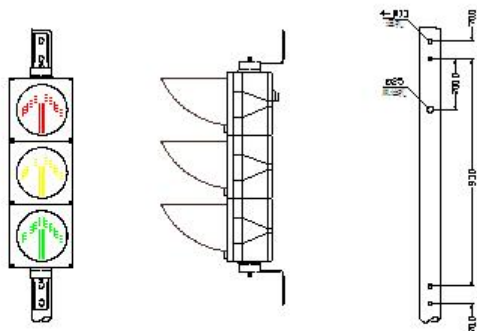
Specifications



- Shape: 200mm (8") Clear 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: 12~24VDC
- Insulation Resistance: ≥ 2M
- Life: 100,000H
- Housing material: PC (PMMA)

Size (Unit: inch (mm))

Features/Benefits



- Energy saving
- Easy installation
- Low power consumption
- Long life time 100,000 hours
- Wide working voltage
- Waterproof IP65
- CE & RoHS

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Accessories:
Sun visor & Bracket

Characteristics

Model Number	Size (mm)	Color	Voltage	LEDs	Typical Wattage at 25°C	Luminance (cd/m²)	Typical Dominant Wavelength (nm)
NBFX213-3	200	Red	12-24VDC 100~277VAC	36s	<3	>4000	625 ± 5
	200	Yellow	12-24VDC 100~277VAC	36s	<3	>4000	590 ± 5
	200	Green	12-24VDC 100~277VAC	36s	<3	>4000	505 ± 2

Gather to pack:

Model	Housing Material	Dim.of Outer Carton	Quantity/CTN	G.W/CTN	N.W/CTN	Packing
NBFX213-3	PC	890*330*250mm	1 set	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.

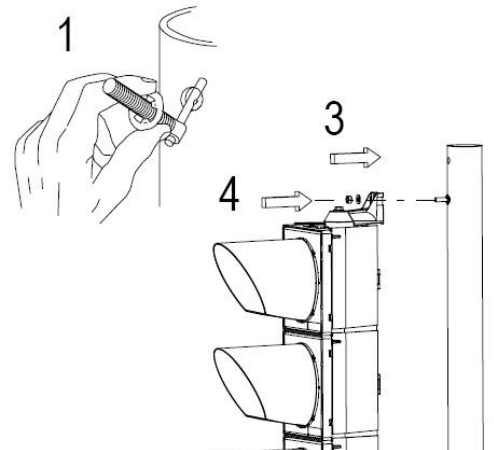
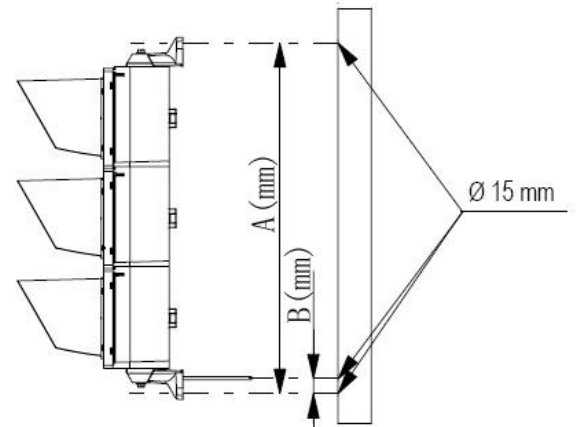
Fixing the aluminum shield to the traffic signal panel

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



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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

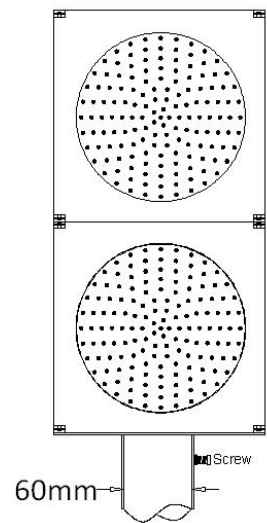
Step1: Release the connecting nail between the screws and traffic light

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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