



NOBLE

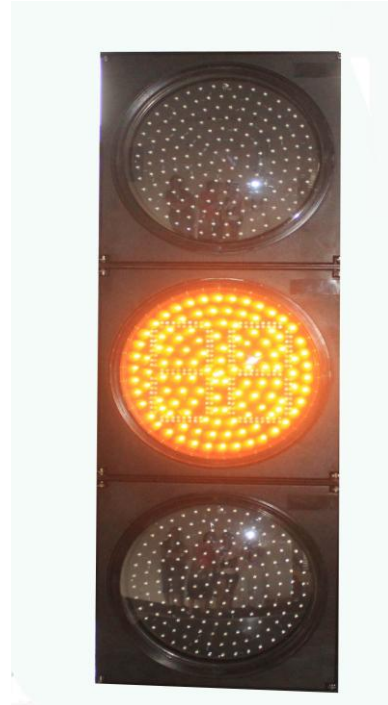
12 Inch LED Traffic Signals

JD300

V2.0

D300 series traffic light

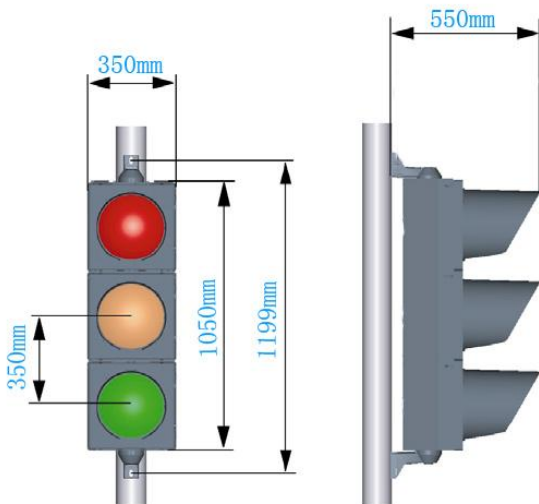
- Reduce overall operating & maintenance costs: Energy saving: 90% reduction in power consumption vs incandescent;
- Reliability & traffic safety: Improved visibility over life of the product Reduces emergency lamp outs Design minimizes sun phantom effects;
- Easy to install into existing signal enclosure.



executive standard

CE, EN12368	
EN 60529	IP rating (IP65)
EN 60598-1	EMC-Systems
EN 50293	Traffic-Product standard
EN 55015	Lighting Safety-General requirements and tests
EN 61547 Class II	

Characteristic:



Shape: 300mm (12") Cobweb cover;
 High brightness LEDs with integrated optics;
 Moisture and dust tight seal (IP65);
 Total Harmonic Distortion < 20% (with PFC);
 Operating Temperature Range (optional): -30°C to 60°C
 Angle: Avg. $\geq 30^\circ$ Down $\geq 30^\circ$;
 Operating voltage Range: 100~277VAC;
 Insulation Resistance: $\geq 2M$;
 Life: 100,000H;
 housing material: PC (PMMA);

Characteristics:

Full ball Characteristics:

Color	Size	Model Number	Profile	Voltage	LEDs	Typical Wattage at 25°C	Luminance (cd/m ²)	Typical Dominant Wavelength (nm)
	(mm)							
Red	300	NBJD300R-1	Round	100~277VAC	121s	<12	>8000	625
Yellow	300	NBJD300Y-1	Round	100~277VAC	122s	<12	>8000	590
Green	300	NBJD300G-1	Round	100~277VAC	121s	<12	>8000	500
Red-C	300	NBDJS300R-1	Round	100~277VAC	84s	<7	>8000	625
Green-C	300	NBDJS300R-1	Round	100~277VAC	84s	<7	>8000	500

Gather to pack:

Model	housing material	Dim.of Outer Carton	Quantity/CTN	G.W/CTN	N.W/CTN	packing
NBJD312F-2+DJS321-RG	PC	1190x430x210mm	1PCS	15.4	12.5	carton

Pedestrian traffic light Characteristics:

Color	Size	Model Number	Profile	Voltage	LEDs	Typical Wattage at 25°C	Luminance (cd/m ²)	Typical Dominant Wavelength (nm)
	(mm)							
Red	300	NBRX300R-1	Round	100~277VAC	80s	<7	>4000	625
Green	300	NBRX300G-1	Round	100~277VAC	78s	<8	>4000	500
Green	300	NBRX300DG-1	Round	120V/220V	314s	<15	>4000	500

Gather to pack:

Model	housing material	Dim.of Outer Carton	Quantity/CTN	G.W/CTN	N.W/CTN	packing
NBRX312-2	PC	820x430x270mm	1PCS	9.7	7.9	carton
NBRX321D-RG+DJS321-RG	PC	820x430x270	1PCS	9.7	7.5	carton

Installation:

Install the shield:

- 1, Confirming the installing direction of the traffic signal light .
- 2, Fixing the aluminum shield to the traffic signal panel with four nails of M4*6 standards

Hole position:

Drilling three holes with $\varnothing 15$ millimeter diameter, refer to the left installation diagram

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)

The frontispiece of the traffic light must face to the middle of vehicle channels

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

Installation step:

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

Inserting the cable

Fixing the two traffic brackets to the M10 screws

Screwing down the nut

Signal direction adjusting:

Release the connecting nail between the screws and traffic light

Adjusting the direction of the signal light

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

