

JT 112 LED Traffic Lights

High Brightness Anti Vandal 2 x 100mm Lense with UV Protection



The **JT 112 LED Traffic Lights** have been designed to provide exceptional durability and reliability for the most demanding environments. Built with a robust housing, advanced UV protection preventing fading from prolonged sun exposure, and providing greater visibility and performance. The bright LED technology enhances clarity for drivers and pedestrians and contributes to energy savings, making it the smart choice for modern traffic management systems. The JT 112 is engineered with a vandal-resistant casing, providing added security against tampering and damage. Easy to install enabling quick upgrades to existing systems.

Product features:

Housing: Robust housing with coloured red and green masks enhances the light signal, improve aesthetics and ensure that it stands out in all environments.

Fresnel Lens: Significantly improves the light gathering effect, improving visibility and clarity

High Brightness Lamp Beads: Equipped with three high brightness OSRAM lamp beads ensuring the brightness and visibility.

Waterproof performance: IP 65. Internal design waterproof strips.

Efficient Energy Consumption: maximum brightness is achieved with minimum power consumption.

Response speed: The signal light has a fast response capability, conveying traffic signals almost without delay, improving traffic safety.

Anti-Sun Shadow Mode: Minimizes the impact of sun shadow mode ensuring clear visibility under any lighting conditions.

Bracket Options: C-bracket and L-bracket options available to suit different configurations.

Wide Voltage Range Wide voltage input range ensures stable operation to various power environments.

Technical Specifications

Items	100HP-R	100HP-G
Size	100mm(4)	100mm(4)
Color	Red	Green
LED (Pcs)	1	1
Luminance (cd)	>100	>100
Module shape	Round	Round
Power consumption (W)	<5	<5
Typical Dominant Wavelength(mm)	625	502
Housing Material	PC (UV-stabilized polycarbonate)	
Cover Shape	tinted Cobweb len	
Voltage(V)	12—24V DC/110-220VAC	
Power Factor	>0.9	
Operating Temperature (°C)	-40°C ~ +60°C	
Insulation Resistance	≥2M	
Total Harmonic Distortion	<20%	
IP Rate	IP65	

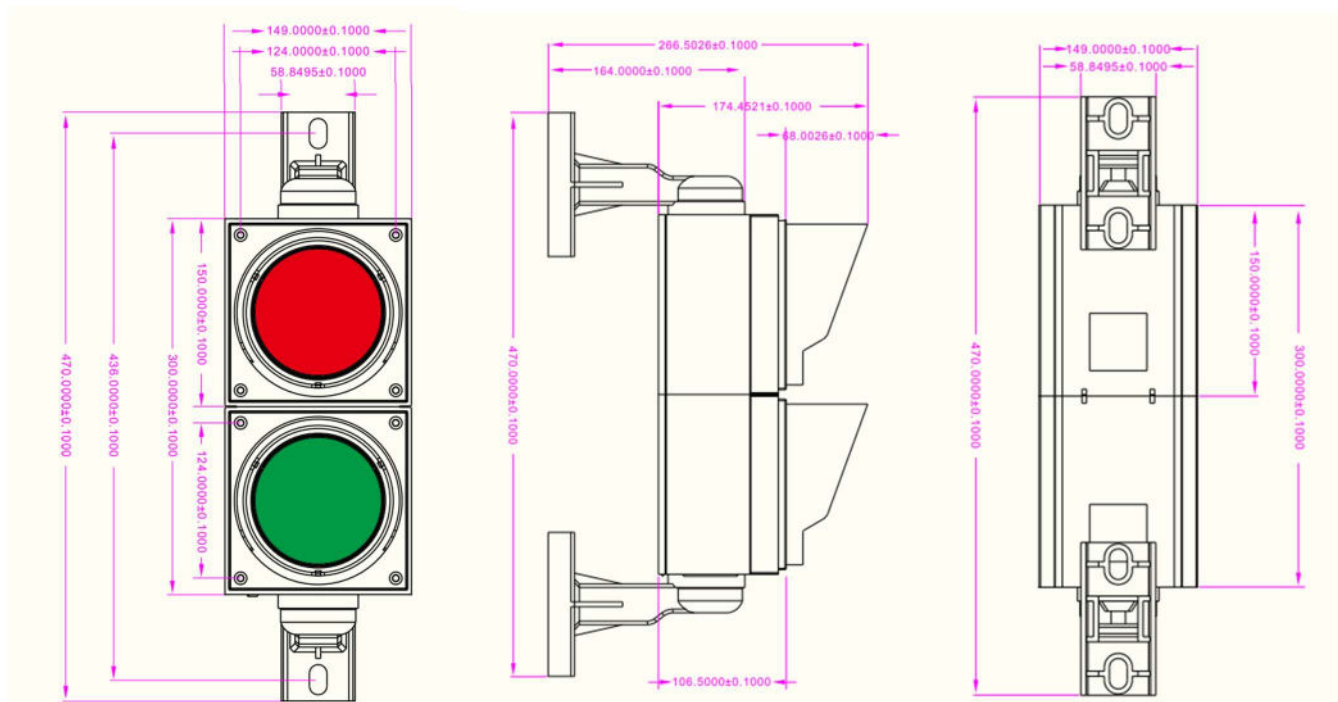


L - Bracket



C - Bracket

Dimensions



Vehicle Access Control

- Boom Gates
- Sliding Gates
- Swing Gates
- Loop Detectors & Radars
- Tyre Spikes

Pedestrian Access Control

- Full Height Turnstiles
- Waist Height Turnstiles
- Speed Gates & Flap Barriers
- Motorised Pedestrian Gate Openers
- Retail & Supermarket Gates

Access Control & Safety

- Remote Wireless Controls
- Safety Beams & Light Curtains
- Sensors & Activation Switches
- Traffic Lights, Strobes & Sounders
- Card Reader Stands & Bollards