



ITS PLANNERS AND ENGINEERS



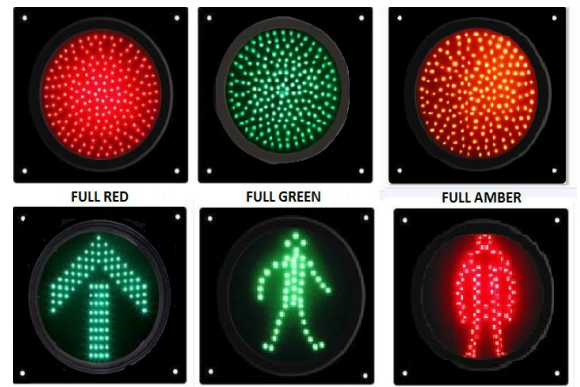
# Traffic Light Datasheet

*Data Sheet/Traffic light*  
*Model: LED\_SingleSource\_v3.1*

*Disclaimer: Artistic view - All images, features and specification depicted here are indicative and are subject to change without prior notice in view of rapid development in technology and changing requirements of the customers and revision of the specification.*

## Salient Features

- High brightness LEDs with uniform appearance and low power consumption
- Temperature-compensated power supply
- Longer life
- Fuse and transients available
- IP 65 rated
- EN 12368 certified
- LED aspects: Red, Amber, Green Full/Arrow, Pedestrian Red and Green, with Hi Flux
- Compatible with lamp failure and conflict detection



## Technical Specifications

### LED aspect specification

LED	Single source narrow beam type with clear lens
Diameter	300mm (all aspects)
Luminance uniformity	1:15
Minimum luminous intensity	400 (Red, Amber, and Green)
Dominant Wavelength (nm)	Red- 630, Amber-590, and Green-490
Power consumption	Maximum 14W (each color)

### Turn Off / Turn On Time

75 milli-seconds max

### Harmonic Distortion

<20%

### Electromagnetic interference

EN/IRC Standard Compliant

### Blowing Rain / Dust Spec

EN/IRC Standard Compliant

### Operating voltage

12/ 24V DC

### Input Power

230V AC  $\pm$  10%, 50Hz  $\pm$  5Hz

### Operating Temperature

0 to + 60 °C

### Humidity

0% to 95% Relative Humidity

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