

### Traffic Signal Device



### Basic Information

Signal devices with one, two or three lights are designed for controlling road, pedestrian or plant traffic. A screened lens inserted in the circular opening in the light cabinet front cover is made of plastic and furnished with an anti-phantom grid preventing unwanted reflections from occurring in the lens.

### Technical Description

The body (cabinet) of the signal device is made of black polycarbonate resistant against weather effects and UV radiation. Plastic metal-coated reflectors are placed in the cabinet with shockproof, long service life bulbs with E27 thread, and the input of 75 or 100 W, are placed in the focal points of the reflectors. The bulbs can be replaced by tilting the cabinet front wall furnished on one side with a hanger and a simple lock-in closure on the other.

Also, modules with LED diodes in corresponding colours may be placed in the cabinet.

Sun shields may be placed above the lenses. The lenses may have the diameter of 210 mm or 300 mm. Colours of the lenses comply with CSN 018020. The signal device is available with one cabinet (1 K), two or three cabinets (2K or 3K, respectively). As part of delivery, plastic fixing arms 105, 183, or 240 mm long are supplied. For making the signal device more descriptive at pedestrian crossings, single cabinets of the two-cabinet signal device may be furnished with a black screen showing the image of a standing and walking pedestrian.

The LED signal device may have a luminance indication and luminous flux control added depending on the ambient luminance.

## Basic Technical Data

Name: Signalisation equipment  
Type: Standard (bulb), LED  
Luminous source: Special lamp 75 or 100 W  
LED module  
Supply voltage: 230V / 50Hz  
Protection: IP55 (IP66 on custom request)  
Rated current: 1.2 A  
Cabinet input: 75-100 W, as per module type

Dimensions (HxWxD):  
- One cabinet, 210 mm lens: 280 x 280 x 160  
- One cabinet, 300 mm lens: 360 x 360 x 217

Mass:  
- 210 mm lens  
\*1K 2.2 Kg  
\*2K 4.4 kg  
\*3K 6.6 kg  
- 300 mm lens  
\*1K 3.7 kg  
\*2K 7.4 kg  
\*3K 11.1 kg

## Contact

**ELTODO EG, a.s.**  
Novodvorská 1010/14  
142 01 Praha 4, Czech Republic  
Phone: +420 261 346 828  
Fax: +420 261 346 803  
E-mail: [eltodo@eltodo.cz](mailto:eltodo@eltodo.cz)  
<http://www.eltodo.cz>