

LED module



LED module is using in signalling, a special there, where high reliability is necessary. Electroluminescence diodes as a light source causes that traffic light works without service and it does not require preservation practically. All these features to influence on increasing safety on roads and reducing costs of crossroad living. Our LED module can be assemble in all typical traffic lights.

Technical data:

- supply: 230 V/AC, 50 Hz
- max power consumption for LED modules are:
 - 10 W for diameter ϕ 200 mm
 - 13 W for diameter ϕ 300 mm
- max value of power factor total is 0,9



Optical data:

- Select take advantage parameters of diodes in maximum degree properly LED lens

- "Phantom effect" is limited for minimum because of contribution hosting.
- Use LED type TS -AlInGap and GaInN elongate a period of lightening to 100 000 h.

Conditions :

- Ambient temperature : - 40 °C to +70 °C.
- 95 % relative humidity.
- Contribution hosting protects before humidity and dust.

Qualification tests:

- All LED module had been temperature tested to quality confirm.
- Intensity of lightening module had been checked after test to make sure that LEDs are working correct still.
- LED module performance with basic foundation of EN 12368.

