JSC “PROTON”

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LED TRAFFIC LIGHT T.3.1

Description

LED traffic light T.3.1 applicated as traffic lights transponder in case of driver`s observation difficulty when vehicle stands too close to stop line.

LED traffic light T.3.1 can be applicated to control bicycle traffic in the road sections crossed by bicycle lane.

LED traffic light consists of three emitters of green, red and yellow light and use super bright LEDs as light source.

Traffic light housing is block design and produced of black or grey crashproof ABS resin. Block design enables to configure traffic lights in vertical or horizontal variation and with additional sections.

Traffic light lens produced of clear uncoloured high impact polycarbonate and designed specially to provide high luminous flux distribution uniformity on the whole lens` surface and exclude the possibility of “phantom signal”.

The traffic light batched with holder group that allows to correct its location in vertical or horizontal position and surface mount for pole that allows to adjust it in vertical variation.

LED traffic light works with any type of controller.

Traffic light can be accomplished by additional green arrows sections
-traffic light with additional right section T.3. r1
-traffic light with additional left section T.3. l1
-traffic light with additional right and left sections T.3. rl1

Using LED traffic lights enables to decrease the amount of road accidents.

Technical parameters

Diameter of signal exit aperture		**100 mm**
Axial luminous intensity of signals	Red	**not less 15 cd**
	Yellow	**not less 20 cd**
	Green	**not less 15 cd**
Power consumption	Red	**not more 5 W**
	Yellow	**not more 5 W**
	Green	**not more 5 W**
Supply voltage		**220 $V^{+10\%}_{-15\%}$ of road controller**
Working temperature range		**from -60ºC to +60ºC**
Dimension		**not more 580x175x185 mm**
Warranty		**5 years**
Durability		**not less 12 years**

Outward appearance