

TS TRAFFIC STANDARD LED MODULE

R / Y / G | TINTED LENS



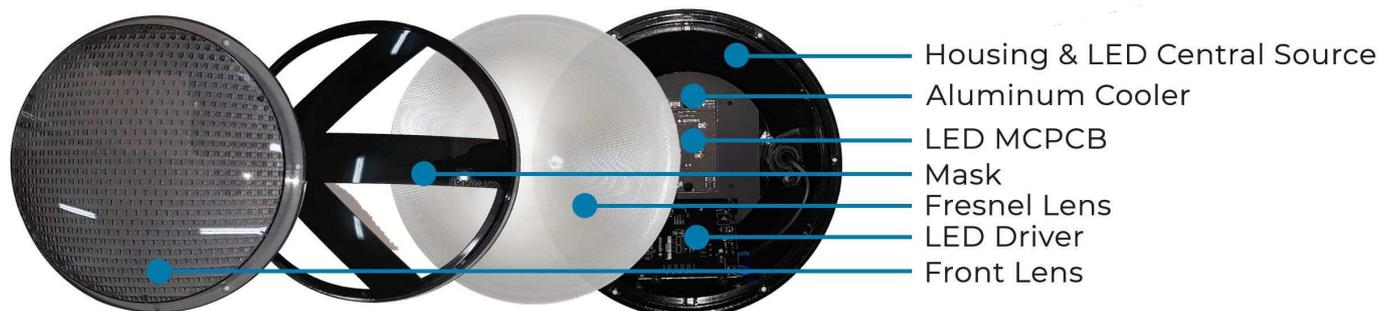
Ø 200 MM | Ø 300 MM | 230 VAC | 12 W | >400 CD



Saving energy while improving traffic safety

Features:

- Construction based on certified norm: **EN 12368**
- Dimmable LED technology
- Low power consumption
- Perfect visibility
- Very good tightness
- High vibrations and impacts resistance
- Temperature fluctuation resistance
- Lightweight construction
- Very easy installation
- Additional masks for different symbols



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Ø 200 MM | Ø 300 MM | 230 VAC | 12 W | >400 CD

OPTICAL DETAILS:

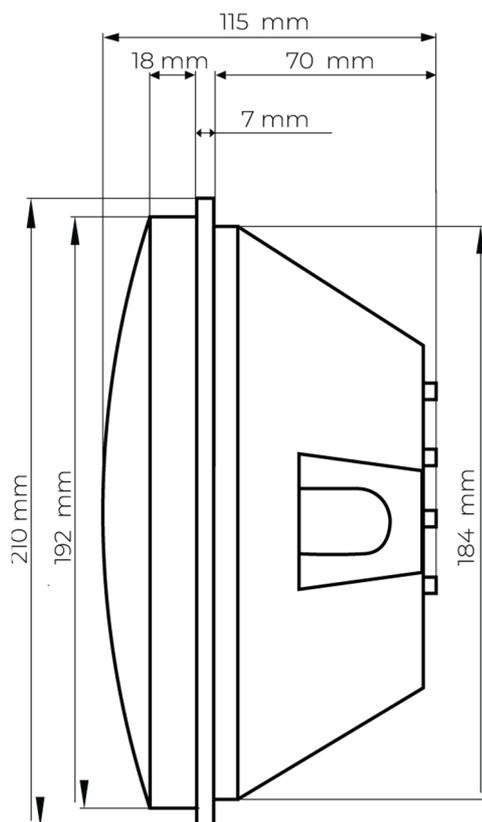
Luminous intensity:	Min 400 cd acc. to EN 12368
Optical performance:	N A3/1; M A3/1; W B3/2 acc. to EN 12368
Colour:	Red 613,5-631 nm acc. to EN 12368 Amber 585 - 597 nm acc. to EN 12368 Green 498.5-508 nm acc. to EN 12368
Uniformity of Luminance:	Min. 1:10 acc. to EN 12368
Phantom light class:	Class 5 acc. to EN 12368
Signal lights with symbols	S1 acc. to EN 12368
LED Type:	6 item High Flux OSRAM / PHILIPS LED SIGNAL SERIES

MECHANICAL DETAILS:

Operating temperature:	Class A, B, C acc. EN 12368 (from -40 to +60)
Protection Class:	Class II acc. to EN 60598
Random vibration:	10 Hz to 200 Hz acc. to EN 60068-2-64
Impact resistance:	Class IR3 acc. to EN 60598-1
Tightness:	IP 65 acc. to EN 60529
Material of front lens:	Tinted, UV-stabilized polycarbonate LEXAN
Material of Fresnel lens:	Colorless PMMA
Material of housing:	Black, UV-stabilized polycarbonate LEXAN
Weight:	< 0,8 kg
Dimension:	Ø 210 x 115 mm

ELECTRICAL DETAILS:

Operating voltage:	230 V AC, +10% - 15%
Dimming mode:	D1 acc. to EN 12368 160 V AC, +10% - 15% (light output is reduced if the input voltage is decreased)
Frequency:	50 Hz
Power factor:	>0,95
ON / OFF reaction time:	<50ms
Failure mode:	<50ms, 0mA, open circuit
Shutdown Function:	Integrated and Automatic less than 110V
Power consumption (full):	0,05 A / 12 W
Power consumption (dim):	0,05 A / 8 W
EMC:	acc. EN 50293
Cable LED module:	2 x 0,75 mm ² ; 90 cm



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