



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =



# TRAFLED

## LED TRAFFIC SIGNAL

### TRAFLED: LED TRAFFIC SIGNAL SLIM DESIGN

TRAFLED is a led traffic signal using innovative LED modules at high intensity along with an innovative slim design.

The optical unit is a unique block with IP65 protection that replaces the conventional components u to now used, such as lenses, reflectors, lamp holders and lamps.

A limited number of leds, maximum 4, generates a luminous coloured source with high intensity whose rays, adjusted by 2 special lenses, give the signal a high, directional and uniform visibility.

- Highflux led optics ensures the best energy efficiency
- Beautiful and innovative design
- Slim profile that suits historical city centres
- Higher traffic safety
- Maintenance free
- Considerable energy saving
- Longer Life
- Available in different colors and color combinations

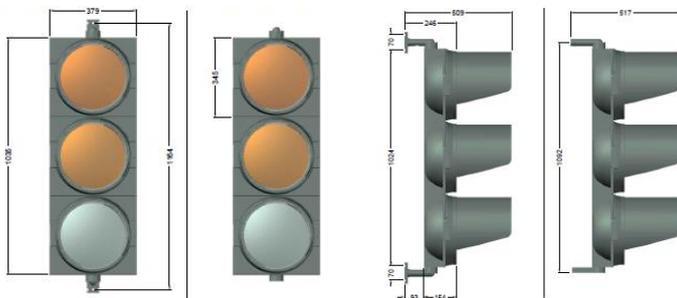


## STRUCTURAL FEATURES

- Structure with sectional elements Ø 210 and Ø 300 mm in higher quality polycarbonate, UV stabilized, paste coloured, available in the following colours: Standard, Green, Yellow, Black.
- Monobloc optics with led technology.
- Doors with rapid clutch and spring-lock handle.
- Visor with rapid clutch.
- Possibility of vertical or horizontal mounting.
- Fixing for wall support, bandit and for hanging up on a cantilever pole or rope.



Trafled Ø 210mm



Trafled Ø 300mm

## TECHNICAL DATA OF LED MODULES

Traffic Signal	210mm	300mm
Light intensity	Red > 400cd Yellow > 200cd Green > 400cd White > 400cd	Red > 400cd Yellow > 400cd Green > 400cd
Dimmer	Nighttime=50%	
Color	Red/Yellow/Green/White	
Led type	DRAGON High Flux	
Operating voltage	190-265Vac 12Vdc	32-42Vac 24Vdc
Power consumption	<10W	
EMC	EN50293 : class B	
Power factor	>0.9	
Temperature range	-40°C +60°C	
Rel. Humidity	<95%	
Protection degree	EN60529 : IP65	
Material lens / housing	Polycarbonate	
Weight	<1.0Kg.	<1.5Kg.
Dimensions (incl. Front lens)	Ø210 x100.2mm	Ø300 x132.4mm

### Conformity to norms:

Conform to EN12368:2015 norm  
CE Conformity

## Results of conformity tests carried out by accredited laboratories

PARAMETER	210 mm				300 mm			NORM
	Green	Yellow	Red	White	Green	Yellow	Red	
Luminous intensity	500 cd	300 cd	600 cd	463 cd	900 cd	600 cd	1200 cd	EN 12368
Intensity class	B3/2	B2/2	B3/2	B3/2	B3/2	B2/2	B3/2	EN 12368
Distribution of luminous intensity	W				W			EN 12368
Lighting uniformity	> 1:10				> 1:10			EN 12368
Phantom signal class	5	5	5	3	5	5	5	EN 12368
Trichromatic coordinates	x=0,073 y=0,572	x=0,594 y=0,405	x=0,704 y=0,295	X=0,319 y=0,314	x=0,085 y=0,590	x=0,599 y=0,400	x=0,706 y=0,293	EN 12368
Environmental class	A-B-C				A-B-C			EN 12368
Protection degree	IP 55				IP 55			EN 60529
Impact resistance	IR3 (AC3)				IR3 (AC3)			EN 12368
Vibration resistance	Conform				Conform			EN 12368
Isolation class	Class II				Class II			EN 60598-2-3

\*Certificates and reports available on request

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