



SCAE



ALUSTAR

Aluminum LED Traffic Light

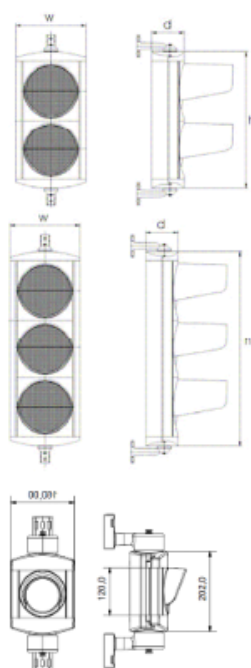
Design and Optical Brightness

The innovative ALUSTAR LED traffic signal is constructed from aluminum. Available in 100, 210, or 300 mm diameters, the robust ALUSTAR lantern blends seamlessly into the urban landscape without compromising its primary function of providing clear and effective visual signaling.

Key Benefits

- Available in 100 / 210 / 300 mm diameters;
- FUTURLED optics ensure low energy consumption and high brightness;
- Proven and reliable technology;
- Maintenance-free operation;
- Long lifespan;
- Vandal-resistant;
- Vertical and horizontal mounting options;
- Available in various colors;
- Compatible with contrast board mounting;
- Suitable for both vertical and horizontal installations.

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Ø 210mm
1L 300/330/135mm
2L 300/570/135mm
3L 300/810/135mm

Ø 300mm
1L 390/434/180mm
2L 390/764/180mm
3L 390/1094/180mm

Ø 100mm
1L 160/202/95mm
2L 160/322/95mm
3L 160/442/95mm

TECHNICAL SPECIFICATIONS - LED MODULES		
Diameter	210mm	300mm
Luminous Intensity	Red > 400cd Yellow > 200cd Green > 400cd White > 400cd	Red > 400cd Yellow > 400cd Green > 400cd
Dimmer	Night mode =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	>0.9	
Temperature Range	-40°C +60°C	
Relative Humidity	<95%	
Protection Rating	EN60529: IP65	
Material	Polycarbonate	
Weight	<1.0 Kg	<1.5 Kg
Dimensions	Ø210 x100.2mm	Ø300 x132.4mm

Body Colors

- Grey-blue RAL 5008;
- Grey RAL 7032;
- Green RAL 6009;
- Bright aluminum RAL 9006;
- Grey aluminum RAL 9007;
- Black RAL 9005;
- Black-grey RAL 7021;
- Graphite grey RAL 7024;
- Basalt grey RAL 7012;
- Blue-grey RAL 7031;
- Other colors available upon request.

Technical Data

- Material: Combination of aluminum housing and UV-stabilized polycarbonate front;
- Diameters: 100, 210, 300 mm;
- Lights: 1, 2, 3 standard (more upon request);
- Optics: 100 / 210 / 300 mm FUTURLED;
- Impact Resistance: High (IR3 class according to EN60598-1);
- Protection: Water and dust resistant (IP54) – EN60529;
- Certification: CE certified according to EN12368;
- Protection Class: Class II – double or reinforced insulation.

Mounting and Fixing Options

- Mounting: Two-point mounting / installation using brackets of various lengths: 105 mm, 183 mm, 240 mm;
- Pole Mounting: Suitable for single or double-point pole mounting;
- Contrast Boards: Mounting via special side profiles available upon request.