



SCAE

ALUSTAR

Aluminium Led Traffic Signal



DESIGN AND OPTICAL BRILLIANCE

The innovative Alustar is a LED-based traffic signal made of aluminium. Available with aspect diameters of 100, 210, or 300 mm, the robust Alustar signals harmoniously integrate into urban landscapes without compromising the basic function of clear and unmistakable signalling.

BENEFITS

- Available in \varnothing 100 / 210 / 300 mm
- FUTURLED3R optic ensures lowest power consumption and a brilliant light output
- Housing made of high-grade aluminum, fronts made of polycarbonate
- High resistance to vandalism
- High reliability and durability
- Extended selection of colors due to powder coating
- Vertical and horizontal installation
- Extremely slim construction
- Ageless and modern design



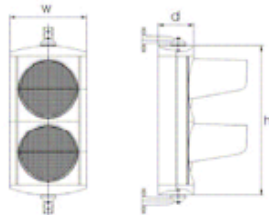
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DIMENSIONS

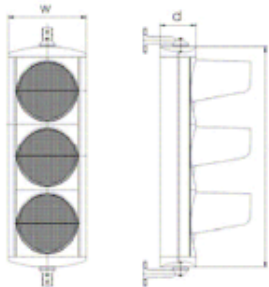
Ø 210mm

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



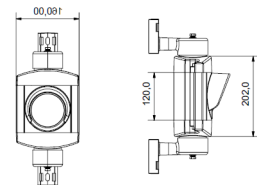
Ø 300mm

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 DATA OF LED MODULES

Diameter	210mm	300mm
Luminous intensity	Rosso > 400cd Giallo > 200cd Verde > 400cd Bianco > 400cd	Rosso > 400cd Giallo > 400cd Verde > 400cd
Dimmer	Night time=50%	
Colour	Red/Yellow/Green/White	
Type of led	DRAGON High Flux	
Operating Voltage	190-265Vac 12Vdc 32-42Vac 24Vdc	
Consumption	<10W	
EMC	EN50293 : class B	
Power factor	>0.9	
Temperature Range	-40°C +60°C	
Relative Humidity	<95%	
Protection Degree	EN60529 : IP65	
Material of lens/case	Polycarbonate	
Weight	<1.0 Kg.	<1.5 Kg.
Dimensions	Ø210 x100.2mm	Ø300 x132.4mm

TECHNICAL DATA

Material	Combination of aluminium housing and UV-stabilized polycarbonate front	Housing colours	Grey-blue RAL 5008 Grey RAL 7032 Green RAL 6009 Brilliant aluminium RAL 9006 Grey aluminium RAL 9007 Black RAL 9005 Black-grey RAL 7021 Graphite-grey RAL 7024 Basalt- grey RAL 7012 Blue-grey RAL 7031 Other colours available on request
Diameter	100, 210, 300mm Aspects: 1, 2, 3 standard (further aspects on request)	Options	Mounting: two point fixing/mounting by means of brackets in different lengths of 105 mm, 183 mm, 240 mm, for L-shaped brackets as well as for T- shaped brackets one point fixing/mounting, either on top of a pole or hanging from a cantilever DSI bracket two point fixing/mounting on cantilever bracket backing Boards: special lateral profiles available for fixation of backing boards
Optics	100 / 210 / 300mm FUTURLED		
Impact Resistance	High (class IR3 according to EN60598- 1)		
Protection	Resistant to water and dust (IP54) – EN60529;		
Certification	According to EN12368 CE certificate obtained		
Protection Classification	Class II – double or reinforced insulation		



SEMAFORI • CONTROLLI • AUTOMAZIONE • ELETTRONICA

SCAE S.p.A. - 20090 Segrate - MILANO (ITALY) - Via Volta, 6

Tel. +39 02 26 930.1 - Fax +39 02 26 930.310

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www.scae.net - e-mail: info@scae.net