



### Available in different colors:

Grey-blue (RAL 5008)  
 Pebble-grey (RAL 7032)  
 Fir-green (RAL 6009)  
 Brilliant alu (RAL 9006)  
 Grey alu (RAL 9007)  
 Black (RAL 9005)  
 Black-grey (RAL 7021)  
 Graphite-grey (RAL 7024)  
 Basalt-grey (RAL 7012)  
 Blue-grey (RAL 7031)

Other colors on request.

*Alustar Acoustic*  
 shown here.

## ALUSTAR

### ALU-BASED LED TRAFFIC SIGNAL HEAD

- The state-of-the-art optic ensures lowest power consumption and a brilliant light output
- Available in ø 100 / 210 / 300 mm
- High reliability and longevity of operation
- Vandalism-proof and maintenance free
- Vertical and horizontal mounting options
- Installations in more than 50 countries worldwide

### DESIGN & OPTICAL BRILLIANCE

The award-winning design of the LED-based ALUSTAR combines an aluminium housing with a polycarbonate front cover. Many cities select ALUSTAR for its intelligent combination of unparalleled optical performance, reliability, robustness and its attractive design which compliments today's cityscapes.

The 210 mm pedestrian signal is available with an integrated acoustic signal unit housed within the lower part of the signal head, called ALUSTAR ACOUSTIC. The acoustic feature adds to the safety for pedestrians at signalized crossings without any separate loudspeaker.

### MOUNTING OPTIONS

**Mounting:** two-point -fixation by means of brackets in different lengths of 105 mm, 183 mm, 240 mm with L-shaped brackets

**One-sided mounting,** either on top of a pole or hanging from a cantilever OSI bracket

**Two-point-fixation** on cantilever bracket backing

**Boards:** special lateral profiles available for fixation of backing boards



**SØREN**  
 JENSEN  
 CONSULTANT | ATKI

ATKI has many years of experience with traffic signals and intersection construction. Søren is ready to assist you, should you have any questions.

 **3118 1032**

**SEE BACK FOR  
 TECHNICAL DATA**

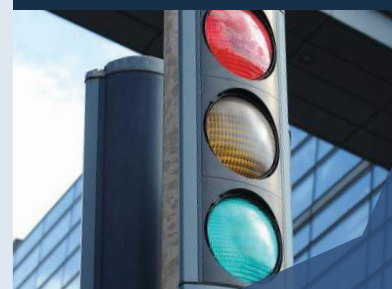


## TECHNICAL DETAILS

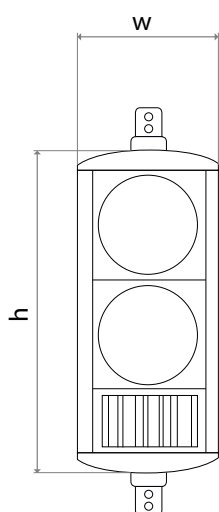
Material	A combination of aluminium housing and UV-stabilized polycarbonate front
Diameters	100/210/300 mm aspects: 1,2,3 as standard
Optic	LED
Impact resistance	High (Class IR3 acc. to EN 60598-1)
Ingress protection	Water- and dust-proof (IP54) – EN 60529
Certified	In accordance with EN 12368 CE certification obtained
Protection classification	Class II – double or reinforced insulation



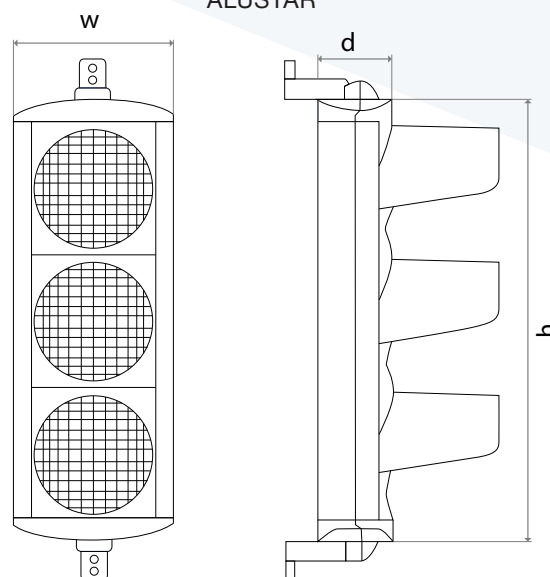
**Sleek design,**  
stylish and solid.



ALUSTAR ACOUSTIC



ALUSTAR



## ALUSTAR ACOUSTIC BENEFITS

- Acoustic unit integrated into the signal head
- 4 loudspeakers integrated in the front of the signal head to sound directly into the pedestrian crossing during green phase
- 2 loudspeakers integrated into the bottom of the signal head that sound during the red phase for orientation
- Fully programmable – acoustic settings accessible via IR Remote Handheld
- Noise responsive – sound level adapted to ambient noise; day mode / night mode
- Redundancy-based signal monitoring to avoid safety-critical situations
- Faster installation due to reduced cabling

DIMENSIONS		
Lens diameter (ø)	Numbers of aspects	w / h / d [mm]
100 mm	1	160 / 202 / 95
	2	160 / 322 / 95
	3	160 / 442 / 95
210 mm	1	300 / 330 / 135
	2	300 / 570 / 135
	3	300 / 810 / 135
300 mm	1	390 / 434 / 180
	2	390 / 764 / 180
	3	390 / 1094 / 180
210 mm ALUSTAR ACOUSTIC	2½	300 / 640 / 135