



ALUSTAR: SWARCO FUTURIT's successful generation of LED-based traffic signals

ALUSTAR – LED TRAFFIC SIGNAL HEAD

DESIGN MEETS OPTICAL PERFORMANCE

SWARCO FUTURIT, world leader in the development and production of traffic signal heads, proves its competence by showing that sophisticated traffic lights can combine superb optical quality with an attractive design.

ALUSTAR: DESIGN & OPTICAL BRILLIANCE

The innovative AluStar is FUTURIT's 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.



ALUSTAR: increasing safety and saving energy

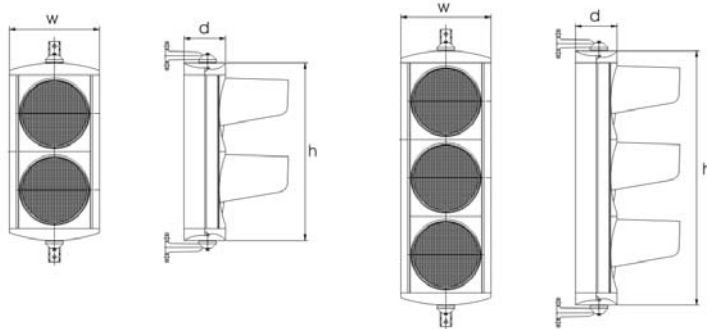
KEY BENEFITS

AluStar is predestined to increase safety at intersections and beautify them at the same time.

- available in ø 100 / 210 / 300 mm
- FUTURLED optic ensures lowest power consumption and a brilliant light output
- proven technology
- no need for maintenance
- longevity
- vandalism-proof
- vertical and horizontal mounting

SWARCO FUTURIT is the world's no. 1 manufacturer of high quality traffic signals.

TECHNICAL DETAILS: ALUSTAR – LED TRAFFIC SIGNAL



| DIMENSIONS | | |
|---------------|-------------------|------------------|
| Lens diameter | Number 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 |

TECHNICAL DETAILS

| | |
|---------------------------|--|
| Material | a combination of aluminium housing and UV-stabilized polycarbonate front |
| Diameters | 100/210/300 mm aspects: 1, 2, 3 as standard; more aspects on request |
| Optic | 100 / 210 / 300 mm FUTURLED (see separate folder) |
| Impact resistance | High (Class IR3 acc. to EN 60598-1) |
| Ingress protection | Water- and dust-proof (IP54) – EN 60529 |
| Certified | in accordance with EN12368 |
| Protection classification | Class II – double or reinforced insulation |

| | |
|-------------------|---|
| Housing colours | grey-blue (■ RAL 5008) pebble-grey (■ RAL 7032) fir-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 on request |
| Variation options | <p>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</p> <p>one point fixing/mounting, either on top of a pole or hanging from a cantilever DSI bracket</p> <p>two point fixing/mounting on cantilever bracket backing</p> <p>Boards: special lateral profiles available for fixation of backing boards</p> |

YOUR LOCAL CONTACT



SWARCO FUTURIT

SWARCO FUTURIT is the leading global player in LED-based signalling technology. The company specializes in traffic lights, variable message signs, in-road markers and railway signals that all work with the energy-saving long-life technology of light-emitting diodes (LEDs).

Customers in over 60 countries around the world rely on the outstanding SWARCO FUTURIT quality made in Austria and helping to improve traffic fluidity and road safety.