

Style 21011 LED CG-S

Safety luminaire



Style 21011 LED CG-S

- Compact safety luminaire from high quality, UV-resistant, halogen-free plastic with LED-technology
- Modular constructed luminaire series permits combination with various fixing modules
- Available in two different optical variants:
 - Asymmetric light distribution for escape route illumination up to 6 m mounting height
 - Symmetrical light distribution for mounting heights up to 9 m
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)
- Simple mounting via quick mounting set (can be pre-assembled) with integrated terminal block for through-wiring
- Also suitable for use refitting existing installations with Style quick mounting set
- Ingress protection IP54 for increased sealing requirements both indoor and in protected outdoor areas
- Shortened inspection effort due to CEWA GUARD technology
- Automatic function monitoring of up to 20 luminaires per circuit
- Reduced installation expenditures by STAR technology
- Freely programmable mixed operation of the switching modes per luminaire in one circuit

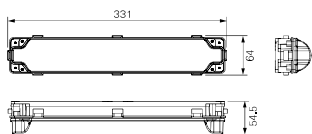
Style 21011 LED SL R CG-S



Style 21011 LED SL O CG-S



Dimensions in mm



Luminous flux Φ_N	21011 SL R: 305 lm 21011 SL O: 410 lm
Luminous flux Φ_E/Φ_N at the end of rated operating time	100 %
Housing material	Polycarbonate
Housing colour	Light grey RAL 7035
Weight	0.39 kg
Type of mounting	Wall or ceiling mounting
Connection terminals	2 x 3 x 2.5 mm ²
Connection voltage	220 - 240 V AC, 50/60 Hz 176 - 275 V DC
Power consumption mains operation (apparent power / effective power)	21011 SL R: 7.6 VA / 4.4 W 21011 SL O: 9.5 VA / 5.8 W
Permissible temperature range	-20 °C to +40 °C
Current consumption - battery operation (220 V)	21011 SL R: 19 mA 21011 SL O: 25 mA
Light source	21011 SL R: 3 x 1 W LED 21011 SL O: 4 x 1 W LED

Ordering details

Type	Scope of supply	Order No.
Style 21011 LED SL R CG-S	Luminaire housing, including LED-supply with CG-S technology and LED-circuit board 3 x 1 W, with asymmetric light distribution and quick mounting set	40071350155
Style 21011 LED SL O CG-S	Luminaire housing, including LED-supply with CG-S technology and LED-circuit board 3 x 1 W, with symmetric light distribution and quick mounting set	40071350156

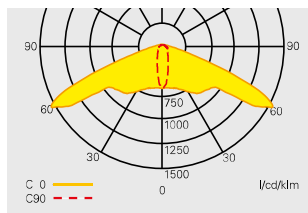
*) IP54 for electronic and lamp. For increased ingress protection requirements indoors or in protected outdoor areas.



GuideLed SL 13012.1, 13022.1 CG-S

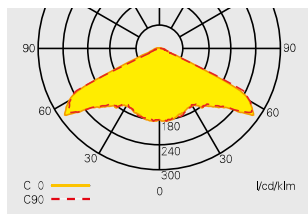
- Safety luminaire with LED technology for surface mounting
- Slender, discrete design with low height of 32 mm
- Special LED optics ensure especially efficient escape route illumination or uniform anti-panic illumination
- High spacing by exact light direction and highly-efficient HighPowerLEDs
- Up to 27 m from luminaire to luminaire with optics for escape route illumination
- Up to 12 m from luminaire to luminaire with optics for antipanic illumination
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)

GuideLed SL 13012.1 CG-S



Light distribution curve
GuideLed SL 13012.1 CG-S surface
with asymmetric optics

GuideLed SL 13022.1 CG-S



Light distribution curve
GuideLed SL 13022.1 CG-S surface
with symmetric optics

Additional enclosure

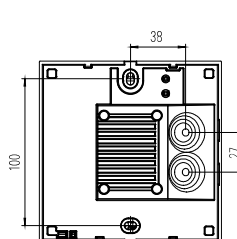
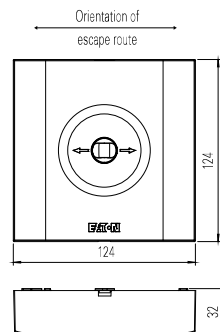


Luminous flux Φ_N	Asymmetric optics 250 lm Symmetric optics 250 lm
Luminous flux Φ_E/Φ_N at end of rated operating time	100%
Housing material	PC, Aluminium
Housing colour	White RAL 9016
Weight	0.33 kg
Type of mounting	Surface mounting
Terminals	2 x 3 x 2,5 mm ²
Connection voltage	220- 240 V AC, 50/60 Hz 176- 275 V DC
Current consumption- battery operation (220 V)	20 mA
Power consumption mains operation (apparent power/effective power)	8.0 VA / 3.9 W
Permissible ambient temperature	-20°C bis +40°C
Light source	HighPower LED 1 x 2 W

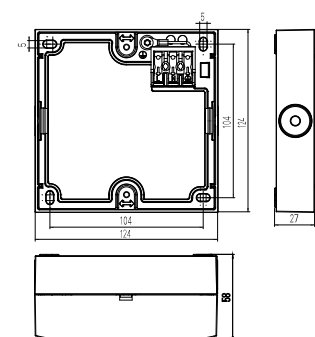
Ordering details

Scope of supply	Order No.
GuideLed SL 13012.1 CG-S surface mounting with asymmetric optics for escape route illumination, LED supply and CG-S technology (20 addresses)	40071354482
GuideLed SL 13022.1 CG-S surface mounting with symmetric optics for anti-panic or open space illumination, LED supply and CG-S technology (20 addresses)	40071354483
Additional enclosure for GuideLed SL 130x2.1, for more space for wiring and cable entry, including through-wiring terminal and connection cable to luminaire	40071354489

Dimensions in mm



Additional enclosure



Requirements of EN 1838: illuminance of 5 lx for safety equipment

The aim of emergency lighting is to enable people to exit a room or building safely. It must also ensure that fire fighting and safety equipment can be easily found and operated when needed. This equipment includes (but not exclusively):

- First aid stations
- All fire fighting equipment and all alarm devices

Lighting is required near each first aid kit, near each alarm and piece of fire fighting equipment, as well as each sign indicating a fire alarm system. In accordance with EN 1838, „near“ generally means a distance of no greater than 2 metres, measured horizontally (this corresponds with distance a in the diagram below).

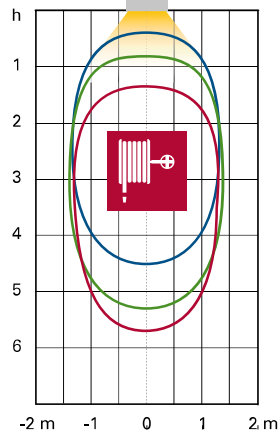
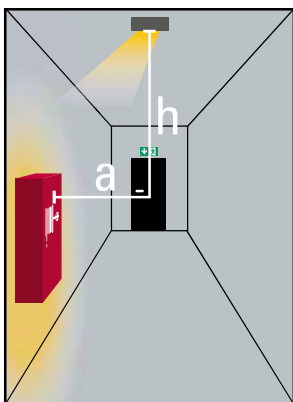
The required level of illuminance on the equipment is 5 lx measured vertically – i.e. perpendicular to the usual horizontal illuminance measurements on one level.

In comparison to the escape route requirement for 1 lx horizontally, different requirements apply in this situation for the light distribution from the safety luminaires, due to the flatter light angle of incidence.

GuideLed SL 13051 und 13052 CG-S meet the specific requirements of EN 1838

In order to meet the requirements of EN 1838, the new GuideLed SL 13051 and 13052 CG-S have special optics to guarantee the required illuminance of 5 lx vertically over a wide area. Hence mounting at heights of up to 5.6 m, and a breadth of illumination of up to 2.8 metres, are possible.

Engineering help, GuideLed SL 13051 and 13052 CG-S



Area in which a minimum illuminance of 5 lx (maintenance factor 0.8) is achieved, depending on distance a and the rated operating time:

$a = 1.0$ m

$a = 1.5$ m

$a = 2.0$ m



GuideLed SL 13051, 13052 CG-S

Ceiling recessing, ceiling surface-mounting for illuminance of 5 lx vertically



GuideLed SL 13051, 13052 CG-S

- Safety luminaire in LED technology for recessed and ceiling surface-mounting
- Unobtrusive design through optics integrated in the luminaire
- Special asymmetric optics for illumination of 5 lx vertically for first aid stations, fire fighting equipment and safety equipment acc. to EN 1838
- Suitable for mounting heights up to 5.6 m above the illuminated equipment
- The illuminated area has a width of up to 2.8 m.
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)

GuideLed SL 13051 CG-S



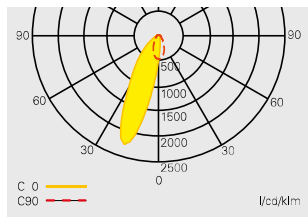
GuideLed SL 13052 CG-S



Luminous flux Φ_N	310 lm
Luminous flux Φ_E/Φ_N at end of rated operating time	100%
Housing material	Polycarbonate, aluminium
Housing colour	White, similar to RAL 9010
Weight	0.43 kg
Type of mounting	Ceiling recessing, ceiling surface-mounting
Terminals	2 x 3 x 2.5 mm ²
Connection voltage	220- 240 V AC, 50/60 Hz 176- 275 V DC
Current consumption- battery operation (220 V)	21.5 mA
Power consumption mains operation (apparent power/effective power)	8.5 VA / 5.0 W
Permissible ambient temperature	-20 °C to +40 °C
Light source	HighPower LEDs 2 x 1.6 W

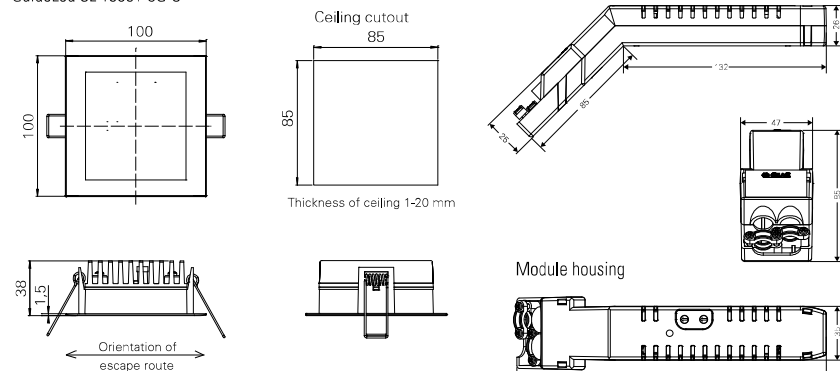
Ordering details

Scope of supply	Order No.
GuideLed SL 13051 CG-S, recessed mounting with asymmetric optics for illuminance of 5 lx vertically, incl. LED supply and CG-S Technology (20 addresses)	40071353415
GuideLed SL 13052 CG-S, surface mounting with asymmetric optics for illuminance of 5 lx vertically, incl. LED supply and CG-S Technology (20 addresses)	40071353416

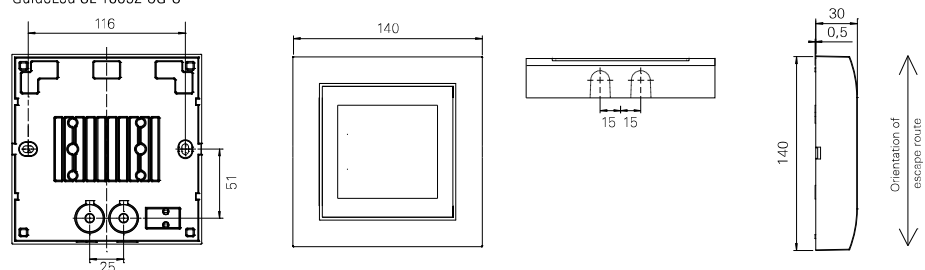


Light distribution curve
GuideLed SL 13051, 13052 CG-S

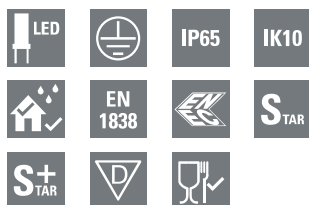
GuideLed SL 13051 CG-S



GuideLed SL 13052 CG-S



* GuideLed SL 13051 CG-S:
Degree of protection of the luminaire: IP41
Degree of protection of the module housing: IP20



Atlantic LED, Outdoor Wall CG-S

- LED safety luminaire with high protection class (IP65) for indoor and outdoor use
- Luminaire with limited surface temperatures for use in operating areas with fire hazard
- Acc. IFS and HACCP suitable for use in food processing industry (Type R and O)
- Robust construction from aluminium diecast and high impact resistant cover made of polycarbonate
- Numerous knock-outs for cable entries and double terminal for through-wiring (outdoor wall only one cable entry)
- High spacing by double optics technology and highly efficient HighPower LEDs
- Up to 29 m from luminaire to luminaire with optics for escape route illumination
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)
- Shortened inspection effort due to CEWA GUARD technology
- Automatic function monitoring of up to 20 luminaires per circuit
- Reduced installation expenditures by STAR technology
- Freely programmable mixed operation of the switching modes per luminaire in one circuit

Atlantic LED R CG-S



Atlantic LED O CG-S



Outdoor Wall CG-S

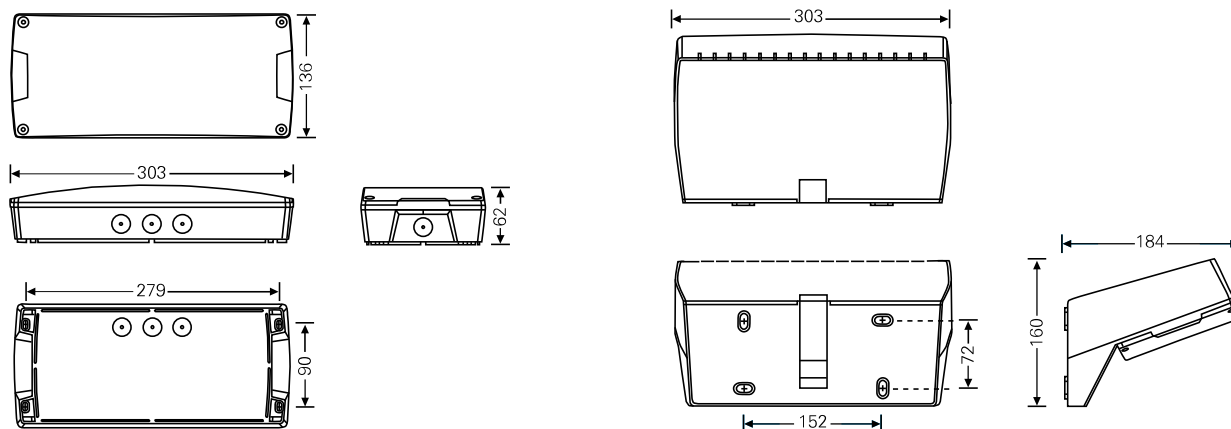


Luminous flux	Atlantic LED R, Outdoor Wall 225 lm Atlantic LED O 220 lm
Luminous flux Φ_E/Φ_N at the end of rated operating time	100 %
Housing material	Aluminium diecast, Polycarbonate (850 °C glow wire resistant)
Housing colour	Grey
Weight	Atlantic LED 1.4 kg Outdoor Wall 2.8 kg
Type of mounting	Wall or ceiling mounting
Connection terminals	3 x 2.5 mm ²
Connection voltage	220 - 240 V, 50/60 Hz 176 - 275 V DC
Current consumption - battery operation (220 V)	21.5 mA
Power consumption mains operation (apparent power / effective power)	8.5 VA / 5.0 W
Permissible ambient temperature	-20 °C to +40 °C
Light source	HighPower LEDs 2 x 1.5 W

Ordering details

Type	Scope of supply	Order No.
Atlantic LED R CG-S	Safety luminaire with asymmetric optics for escape route illumination, incl. LED supply and CG-S technology (20 addresses)	40071354892
Atlantic LED O CG-S	Safety luminaire with symmetric optics for anti-panic / open area illumination, incl. LED supply and CG-S technology (20 addresses)	40071354893
Outdoor Wall CG-S	Safety luminaire with asymmetric optics for escape route illumination, incl. LED supply and CG-S technology (20 addresses)	40071354894

Dimensions in mm



i-P65+ CG-S Aluminium enclosure

Safety lighting for high mounting heights and large areas



i-P65+ CG-S

- LED safety luminaire with high ingress protection class (IP65) for both indoor and outdoor use
- Robust design (IK08) made from aluminium die-cast and impact-resistant polycarbonate
- With wide-beam symmetrical lens with a near-square light distribution, i-P65+ L variant is suitable for illuminating large areas (Spacing in both direction up to 22 m for $E = 1 \text{ lx}$ and up to 31 m for $E = 0.5 \text{ lx}$) and mounting heights up to 18 m
- With narrow-beam reflector technology, the i-P65+ H variant is especially suitable for escape route lighting with high spacing up to 30 m and mounting heights up to 26 m
- High lumen output ensures suitability for increased illumination levels such as min 15 lx for high risk task areas or applications with 10.8 lx acc. NFPA 101
- With provisions for M20 cable entries on enclosure sides (3 x lateral and 1 x at each end side) and BESA entry on rear
- Minimum maintenance effort and increased safety via use of LEDs with high service life (up to 60,000 h)
- Shortened inspection effort due to CEWA GUARD technology
- Automatic function monitoring for up to 20 luminaires per circuit
- Reduced installation cost through STAR Technology
- Freely programmable mixed operation, allowing the switching of luminaire modes within one circuit

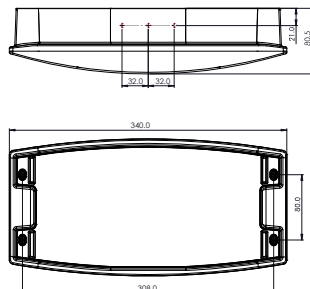
i-P65+ L CG-S



i-P65+ H CG-S



Dimensions in mm



Luminous flux Φ_N	i-P65+ L: 770 lm i-P65+ H: 590 lm
Luminous flux Φ_E/Φ_N at end of rated operating time	100%
Housing material	Aluminium, Polycarbonat (lens)
Housing colour	Weiß
Weight	1,85 kg
Type of mounting	Ceiling mounting
Terminals	3 x 2 x 2,5 mm ²
Connection voltage	220- 240 V AC, 50/60 Hz 176- 275 V DC
Current consumption- battery operation	40 mA
Power consumption mains operation (apparent power / effective power)	15.6 VA / 9.3 W
Permissible ambient temperature	-20°C to +40°C
Light source	COB LED 6.4 W

Ordering details

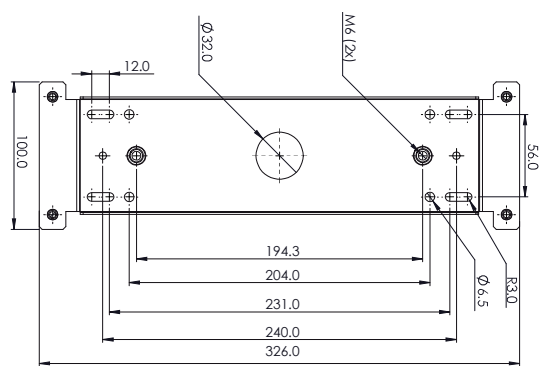
Type	Scope of supply	Order No.
i-P65+ L CG-S	Safety luminaire with wide-beam, symmetrical lenses for anti-panic/open area illumination, incl. LED supply with CG-S technology (20 addresses)	IP65PLACGS
i-P65+ H CG-S	Safety luminaire with narrow-beam lenses for emergency lighting, incl. LED supply with CG-S technology (20 addresses)	IP65PHACGS

1 x M20-cable gland included.

Ordering details - Accessories

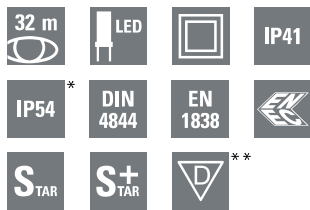
Type	Order No.
Mounting bracket for chain suspension or for mounting at trunking systems or similar	IP65PSUSPB

Mounting bracket



Style 22011, 22021 LED CG-S, set luminaires

Safety or exit sign luminaire



1

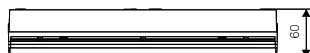
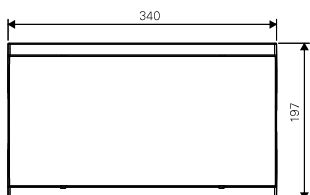
22011 LED SL CG-S with transparent cover



22011 LED CG-S with cover PR



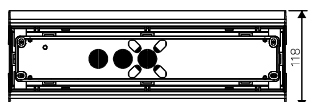
Dimensions in mm



22021 LED CG-S with cover PR



Dimensions in mm



Style 22011, 22021 LED CG-S, set luminaires

- Escape sign luminaire from high quality, UV-resistant, halogen-free plastic with LED-technology
- Modular constructed luminaire series allowing combination with various fixing modules
- Exit signs with high luminance of > 500 cd/m² (white area) and good uniformity, in accordance with standards (silk-screened pictograms)
- Special LED optical arrangement for efficient illumination of escape routes, suitable for mounting heights up to 7m, maximum distance from luminaire to luminaire: > 16m from 3m mounting height and > 20 m from 4.5 m mounting height
- Minimum maintenance required due to high service life of the LEDs (over 50,000 hours)
- Simple mounting via quick mounting set (pre-assembly possible) with integrated terminal block for through-wiring
- Optionally available IP54 set (for electronic and light source) for increased sealing requirements both indoor and in protected outdoor areas
- Shortened inspection effort due to CEWA GUARD technology
- Automatic function monitoring of up to 20 luminaires per circuit
- Reduced installation costs with STAR technology
- Freely programmable mixed operation of the switching modes per luminaire in one circuit

Viewing distance	32 m
Luminous flux Φ_N	320 lm
Luminous flux Φ_E/Φ_N at end of rated operating time	100 %
Housing material	Polycarbonate
Housing colour	Light grey RAL 7035
Weight	0.79 kg
Type of mounting	Wall and ceiling mounting
Terminals	2 x 3 x 2.5 mm ²
Connection voltage	220 - 240 V, 50/60 Hz 176 - 275 V DC
Power consumption mains operation (apparent power/effective power)	7.6 VA / 4.4 W
Permissible ambient temperature	- 20 °C to + 40 °C
Current consumption - battery operation (220 V)	19 mA
Light source	3 x 1 W LED

Ordering details

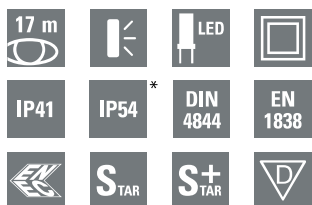
Type	Scope of supply	Order No.
Style 22011 LED SL CG-S Set	Luminaire housing, including LED-supply with CG-S technology and LED-circuit board 3 x 1 W, for escape route lighting, with quick mounting set, with transparent cover	40071350652
Style 22011 LED CG-S Set acc. to ISO 7010	Luminaire housing, including LED-supply with CG-S technology and LED-circuit board 3 x 1 W, for exit signage, with quick mounting set, with opaque cap and pictogram set (arrow left, right, down)	40071350653
Style 22021 LED CG-S Set acc. to ISO 7010	Luminaire housing, including LED-supply with CG-S technology and LED-circuit board 4 x 1 W, for exit signage, with opaque cap and pictogram set (arrow left, right, down), with quick mounting set	40071350654
IP54 set*	Incl. quick mounting set and mounting accessories	40071345975

*) IP54 for electronic and lamp. For increased ingress protection requirements indoors or in protected outdoor areas.

**) In combination with IP54 set: limited surface temperature acc. to DIN EN 60598-2-24

Style 51011 LED CG-S

Safety luminaire and escape sign luminaire



Style 51011 LED CG-S

- Compact exit sign or safety luminaire from high quality, UV-resistant, halogen-free plastic with LED-technology
- Modular constructed luminaire series permits combination with various fixing modules
- Includes transparent cap with simple snap mounting and pictogram foil set
- Exit signs with high luminance of $> 500 \text{ cd/m}^2$ (white area) and good uniformity, in accordance with standards
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)
- Simple mounting via quick mounting set (can be pre-assembled) with integrated terminal block for through-wiring
- Also suitable for use refitting existing installations with Style quick mounting set
- Optionally available IP54 set (for electronic and light source) for increased sealing requirements both indoor and in protected outdoor areas
- Shortened inspection effort due to CEWA GUARD technology
- Automatic function monitoring of up to 20 luminaires per circuit
- Reduced installation expenditures by STAR technology
- Freely programmable mixed operation of the switching modes per luminaire in one circuit

51011 LED CG-S




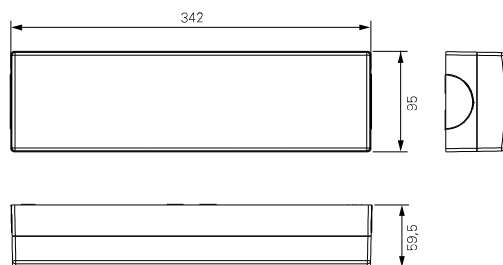
51011 LED CG-S with pictogram foil PR



Luminous flux Φ_N	390 lm (without pictogram foil)
Viewing distance	17 m
Luminous flux Φ_E/Φ_N at the end of rated operating time	100 %
Housing material	Polycarbonate
Housing colour	Light grey RAL 7035
Weight	0.58 kg
Type of mounting	Wall or ceiling mounting
Connection terminals	2 x 3 x 2.5 mm ²
Connection voltage	220 - 240 V AC, 50/60 Hz 176 - 275 V DC
Power consumption mains operation (apparent power / effective power)	9.5 VA / 5.8 W
Permissible temperature range	-20 °C to +40 °C
Current consumption - battery operation (220 V)	25 mA
Light source	4 x 1 W LED

Ordering details

Type	Scope of supply	Order No.
Style 51011 LED CG-S	Luminaire housing, including LED-supply with CG-S technology and LED-circuit board 4 x 1 W, with opaque cap and pictogram set (arrow left, right, down), without quick mounting set 	40071350171
Quick-mounting set	With terminals and optional distance plates	40071345980
IP54 set*	Incl. quick-mounting set and mounting accessories	40071345975



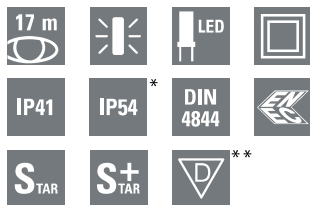
Dimensions in mm

*) IP54 for electronic and lamp. For increased tightness requirements indoors or in canopied outdoor areas.

**) In combination with IP54 set: limited surface temperature acc. to DIN EN 60598-2-24

Style 51021 LED CG-S

Escape sign luminaire



1

51021 LED CG-S with pictogram foil PR



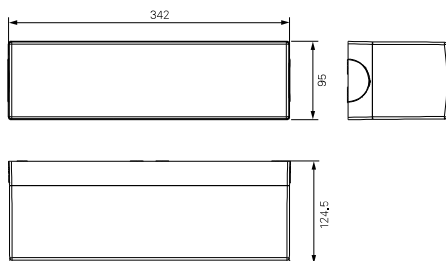
Style 51021 LED CG-S

- Compact exit sign or safety luminaire from high quality, UV-resistant, halogen-free plastic with LED-technology
- Modular constructed luminaire series permits combination with various fixing modules
- Includes opaque cap with simple snap mounting and pictogram foil set
- Exit signs with high luminance of $> 500 \text{ cd/m}^2$ (white area) and good uniformity, in accordance with standards
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)
- Simple mounting via quick mounting set (can be pre-assembled) with integrated terminal block for through-wiring
- Also suitable for use refitting existing installations with Style quick mounting set
- Optionally available IP54 set (for electronic and light source) for increased sealing requirements both indoor and in protected outdoor areas
- Shortened inspection effort due to CEWA GUARD technology
- Automatic function monitoring of up to 20 luminaires per circuit
- Reduced installation expenditures by STAR technology
- Freely programmable mixed operation of the switching modes per luminaire in one circuit

Viewing distance	17 m
Luminous flux Φ_E/Φ_N at the end of rated operating time	100 %
Housing material	Polycarbonate
Housing colour	Light grey RAL 7035
Weight	0.75 kg
Type of mounting	Wall or ceiling mounting
Connection terminals	2 x 3 x 2.5 mm ²
Connection voltage	220 - 240 V AC, 50/60 Hz 176 - 275 V DC
Power consumption mains operation (apparent power / effective power)	9.5 VA / 5.8 W
Permissible temperature range	-20 °C to +40 °C
Current consumption - battery operation (220 V)	25 mA
Light source	4 x 1 W LED

Ordering details

Type	Scope of supply	Order No.
Style 51021 LED CG-S	Luminaire housing, including LED-supply with CG-S technology and LED-circuit board 4 x 1 W, with opaque cap and pictogram set (arrow left, right, down), without quick mounting set	40071350172
Quick-mounting set	With terminals and optional distance plates	40071345980
IP54 set*	Incl. quick-mounting set and mounting accessories	40071345975



Dimensions in mm

*) IP54 for electronic and lamp. For increased tightness requirements indoors or in canopied outdoor areas.

**) In combination with IP54 set: limited surface temperature acc. to DIN EN 60598-2-24

Atlantic LED CG-S

Escape sign luminaire



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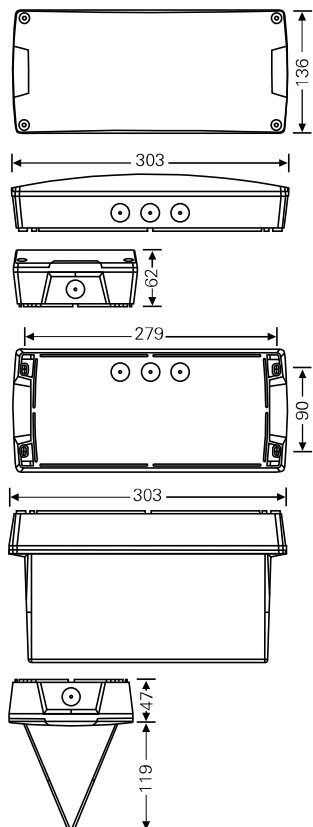
Atlantic LED S CG-S



Atlantic LED D CG-S



Dimensions in mm



Atlantic LED CG-S

- LED escape sign luminaire with high protection class (IP65) for indoor and outdoor use
- Luminaire with limited surface temperatures for use in operating areas with fire hazard
- Acc. IFS and HACCP suitable for use in food processing industry
- Robust construction from aluminium diecast and high impact resistant cover made of polycarbonate
- Numerous knock-outs for cable entries and double terminal for through-wiring
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)
- Shortened inspection effort due to CEWA GUARD technology
- Automatic function monitoring of up to 20 luminaires per circuit
- Reduced installation expenditures by STAR technology
- Freely programmable mixed operation of the switching modes per luminaire in one circuit

Viewing distance	24 m
Luminous flux Φ_E/Φ_N at the end of rated operating time	100 %
Housing material	Aluminium diecast, Polycarbonate (850 °C glow wire resistant)
Housing colour	grey
Weight	Atlantic LED S 1.4 kg Atlantic LED D 1.6 kg
Type of mounting	Wall- and ceiling mounting
Connection terminals	3 x 2.5 mm ²
Connection voltage	220 - 240 V, 50/60 Hz 176 - 275 V DC
Current consumption - battery operation (220 V)	21.5 mA
Power consumption mains operation (apparent power / effective power)	8.5 VA / 5.0 W
Permissible ambient temperature	-20 °C to +40 °C
Light source	HighPower LEDs 2 x 1.5 W

Ordering details

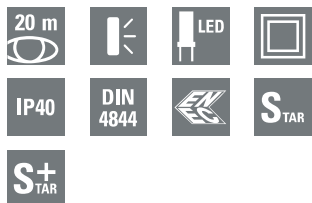
Type	Scope of supply	Order No.
Escape sign luminaire Atlantic LED S CG-S	single sided, incl. LED supply and CG-S technology (20 addresses), without pictogram	40071354890
Escape sign luminaire Atlantic LED D CG-S	double sided, incl. LED supply and CG-S technology (20 addresses), without pictograms	40071354891

Accessories

Type		Order No.
Pictograms for Atlantic S		
PR ISO		155-000-011
PL ISO		155-000-012
PU ISO		155-000-013
Pictograms for Atlantic D (2 x required)		
PR ISO		155-000-211
PL ISO		155-000-212
PU ISO		155-000-213
BL		155-000-209

GuideLed 10011, 10012, 10013 CG-S

Wall mounting

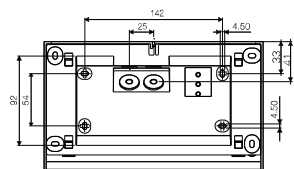
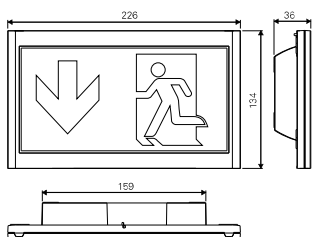


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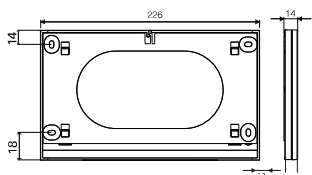
GuideLed 10011 CG-S



Dimensions in mm



10011 CG-S



10012/10013 CG-S

Please observe a distance of 10 mm above for mounting!

GuideLed 10011, 10012, 10013 CG-S

- Escape sign luminaire in LED technology for wall mounting
- Slender design with mounting heights of 14 mm or 36 mm only
- Very good perceptibility due to of high luminance of the white contrasting colour > 500 cd/m² in keeping with standard ISO 3864-1 and high uniformity $L_{\min}/L_{\max} > 0.8$
- Reduced battery costs due to of especially low power consumption
- Low operating costs due to of low effective power of 1.9 W only
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)
- Installation of the LED pictogram without tools on the mounting set

Viewing distance	20 m
Luminous Φ_e/Φ_{λ} at the end of rated operating time	100 %
Housing material	PC, PMMA
Housing colour	Light grey RAL 7035
Weight	0.47 kg (10011 LED CG-S) 0.41 kg (10012, 10013 LED CG-S)
Type of mounting	Wall mounting
Connection terminal	Clamp terminal 2.5 mm ² reverse-polarity protected
Connection voltage	220 - 240 V AC, 50/60 Hz 176 V - 275 V DC
Current consumption - battery operation (220 V)	8 mA
Power consumption mains operation (apparent power / effective power)	4.0 VA / 1.9 W
Permissible ambient temperature	-20 °C to +40 °C
Light source	LED batten

Ordering details - fastening set

LED pictograms must ordered separate	Order No.
Wall mounting set for GuideLed 10011 CG-S and 11011 CG-S, surface-mounted installation incl. LED supply and CG-S technology (20 addresses), without LED pictograms	40071353641
Wall mounting set for GuideLed 10012 CG-S and 11012 CG-S, flush-mounted installation of the V-CG-SLS28* (angular) and CG-S technology (20 addresses)	40071353642
Wall mounting set for GuideLed 10013 CG-S and 11013 CG-S, flush-mounted installation of the V-CG-SLR28* (round) and CG-S technology (20 addresses)	40071353644

Ordering details - LED pictograms (fastening set required)

Scope of supply	Order No.
LED pictogram PL for GuideLed 10011/10012/10013 CG-S, ISO 7010, 20 m	40071354500
LED pictogram PR for GuideLed 10011/10012/10013 CG-S, ISO 7010, 20 m	40071354501
LED pictogram PU for GuideLed 10011/10012/10013 CG-S, ISO 7010, 20 m	40071354502

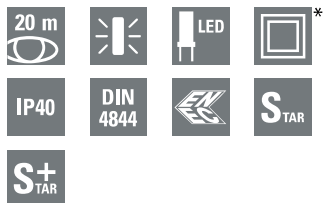
Ordering details - accessories

Scope of supply	Order No.
Feed-through wiring set for GuideLed 10011/11011 CG-S	40071353643

* Installation of the LED supply in a not included device, for further information about the LED supply see page 1.163 (SLS28) und 1.169 (SLR28).

GuideLed 10021, 10022, 10023, 10024 CG-S

Ceiling mounting



GuideLed 10021, 10022, 10023, 10024 CG-S

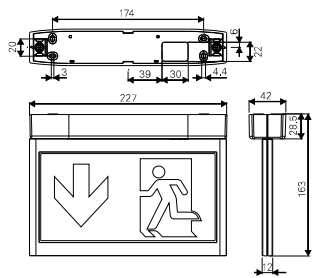
- Escape sign panel luminaire in LED technology for ceiling installation
- Slender design with pictogram width of only 12 mm
- Very good perceptibility due to of high luminance of the white contrasting colour > 500 cd/m² in keeping with standard ISO 3864-1 and high uniformity $L_{\min}/L_{\max} > 0.8$
- Reduced battery costs due to of especially low power consumption
- Low operating costs due to of low effective power of 2.9W only (1.9W one-sided)
- Minimum service requirement due to high service life of the LEDs (up to 50,000 hours)

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GuideLed 10021 CG-S



Dimensions in mm

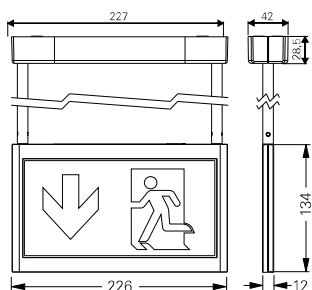


Viewing distance	20 m
Luminous flux Φ_E/Φ_N at the end of rated operating time	100 %
Housing material	PC, PMMA
Housing colour	Light grey RAL 7035
Weight	0.39 kg (10021 LED CG-S) 0.49 kg (10022 LED CG-S) 0.54 kg (10023 LED CG-S) 0.70 kg (10024 LED CG-S)
Type of mounting	Ceiling, suspended, recessed installation
Connection terminal	Clamp terminal 2.5 mm ² reverse-polarity protected
Connection voltage	220 - 240 V AC, 50/60 Hz 176 V - 275 V DC
Current consumption - battery operation (220 V)	one-sided 8 mA – two-sided 12 mA
Power consumption mains operation (apparent power / effective power)	one-sided 4.0 VA / 1.9 W two-sided 5.5 VA / 2.9 W
Permissible ambient temperature	-20 °C to +40 °C
Light source	LED batten

GuideLed 10022 CG-S



Dimensions in mm



Ordering details - fastening set

LED pictograms must ordered seperate

	Order No.
Ceiling installation set for GuideLed 10021 CG-S with canopy incl. LED supply and CG-S technology (20 addresses)	40071353610
Ceiling installation set for GuideLed 10022 CG-S with canopy and tube suspension 0.5 m incl. LED supply and CG-S technology (20 addresses)	40071353611
Ceiling installation set for GuideLed 10023 CG-S with canopy and tube suspension 1.5 m incl. LED supply and CG-S technology (20 addresses)	40071353612
Ceiling installation set for GuideLed 10024 CG-S incl. recessed installation housing incl. LED supply and CG-S technology (20 addresses)*	40071353613

Ordering details - accessories

Scope of supply	Order No.
Chain fastening for 10021 CG-S	40071353645
Concrete installation GuideLed 10024 CG-S, 20 m*	40071352892

* Ceiling mounting set for GuideLed 10024 and concrete installation box corresponding to protection class I