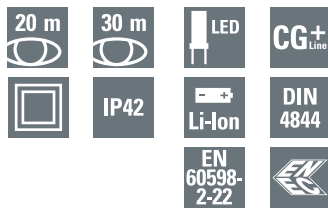


Escape sign panel self-contained luminaires

CrystalWay



Wall-surface mounting

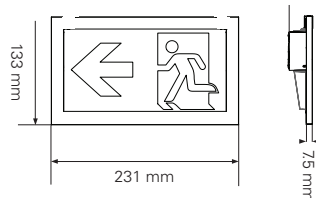


Ceiling-surface mounting

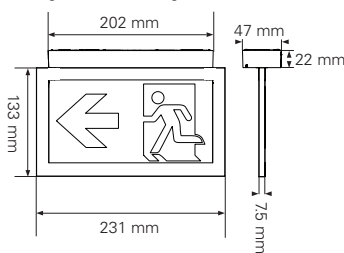


CrystalWay 19821

Wall-surface mounting

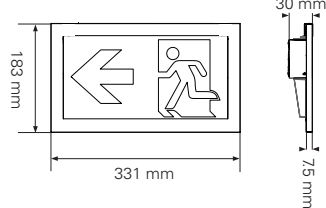


Ceiling-surface mounting

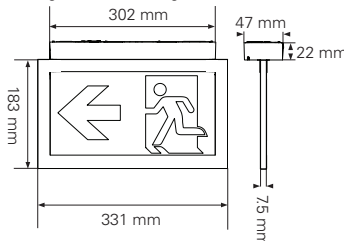


CrystalWay 19822

Wall-surface mounting



Ceiling-surface mounting



CrystalWay 189821, 189822 CGLine+

- LED self-contained luminaire with automatic test for reduced inspection effort
- For autonomous installation or connection to the CGLine+ monitoring system
- Perfect homogeneity and uniformity of the pictogram's illuminance
- Frameless design with pictogram integrated in acrylic glass
- Same aesthetic either in wall or ceiling mounting
- Unobtrusiveness, thin & slim electronic base (Height: only 22mm)
- 2 sizes of pictogram: for 20m and 30m viewing distance
- Brightness selectable in mains operation (eg. standard: 500 Cd/m² or theater: 50 Cd/m²)
- Selectable operating time (1h, 3h, 5h, 8h operation)
- Environmentally-friendly due to modern lithium ion technology
- Low operating costs via low connected load
- Minimum maintenance effort and increased safety via use of LEDs with high service life (50,000 hours)
- Optimal recognition via high luminance of white contrast colour > 500 Cd/m² according to DIN 4844-1 / ISO 3864-1 (for bright surroundings), and high uniformity L_{min}/L_{max} > 0.8
- Simple fault analysis and status display via bicolor LED and testing button
- Blocking function prevents unintended discharge during idle operating times (only with CGLine+ WEB-Controller)
- Configurable product for wall or ceiling mounting
- Delivered with non adhesive pictograms for most of existing configurations (single & double sided signage)
- Complete range of accessories (suspension kit, recessed bases, vertical pictograms, recessed box)

Pictogram	
Viewing distance	20m and 30m
Included labels	PL / PR / PU / PA / BL Single sided signage arrow under, right, left Double sided signage arrow right, arrow left
Luminous flux Φ_e/Φ_n at end of rated operating time	100 % at 1 h; 45 % at 3 h; 25 % at 5 h; 18 % at 8 h
Testing system	Automatic test in compliance with EN 62034 Connection possible to the CGLine+ monitoring system
Housing	
Type of mounting	Wall surface-mounting, Ceiling surface-mounting
Material	Polycarbonate
Colour	RAL9003
Degree of protection	IP 42 & IK 04
Terminals	Screwless terminals (L, L', N, PE, GGLine+ bus) for flexible and rigid wires From 0,5 to 2,5 mm ²
Connection voltage	220-240 Vac 50-60 Hz
Permissible ambient temperature	+5°C to +35°C
Battery	CrystalWay19821 : Li-Ion 3,6 V/620 mAh CrystalWay19822 : Li-Ion 3,6 V/1240 mAh
Light source	CrystalWay19821 : Replaceable 24 LEDs strip CrystalWay19822 : Replaceable 38 LEDs strip
Weight	CrystalWay19821 : 0,4 kg CrystalWay19822 : 0,7 kg

Ordering details

Product	Viewing distance	Picto (mm)	Duration	Consumption Max 500 Cd	50 Cd	Order N°
CrystalWay 19821 1-8h/D CGLine+	20m	100 x 200	1/3/5/8h	4,1 W	2,3 W	40071354590
CrystalWay 19822 1-8h/D CGLine+	30m	150 x 300	1/3/5/8h	5,8 W	2,5 W	40071354591

Ordering details - accessories

Product	Order N° CrystalWay 19821	Order N° CrystalWay 19822
TL CGLine+ for rest mode command	LUM10319	LUM10319
Wire suspension kit	LUM10560	LUM10560
Recessed base	LUM10561	LUM10562
Recessed base with cover	LUM10563	LUM10564
Recessed box	LUM10565	LUM10566
Base for optional cable access	LUM10567	
Horizontal pictogram Arrow Under PU, ISO 7010	LUM10573	LUM10587
Horizontal pictogram Arrow Left PL, ISO 7010	LUM10574	LUM10588
Horizontal pictogram Arrow Right PR, ISO 7010	LUM10575	LUM10589
Horizontal pictogram Arrow Above PA, ISO 7010	LUM10577	LUM10591
Vertical pictogram Arrow Under PU, ISO 7010	LUM10584	LUM10592
Vertical pictogram Arrow Left PL, ISO 7010	LUM10585	LUM10593
Vertical pictogram Arrow Right PR, ISO 7010	LUM10586	LUM10594