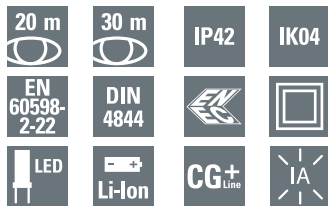


Escape sign panel self-contained luminaires

CrystalWay IA



Wall-surface mounting

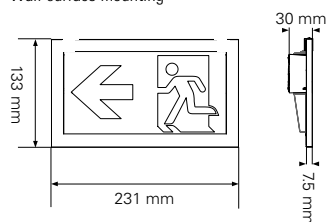


Ceiling-surface mounting

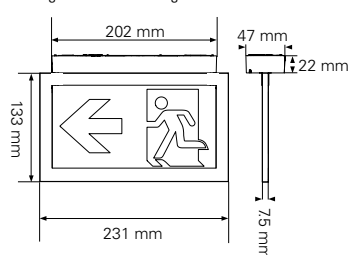


CrystalWay 19821

Wall-surface mounting

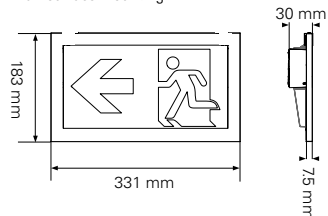


Ceiling-surface mounting

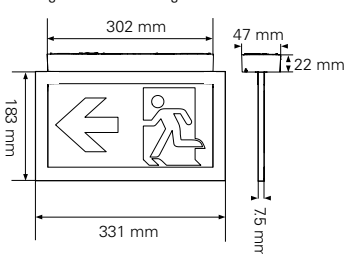


CrystalWay 19822

Wall-surface mounting



Ceiling-surface mounting



CrystalWay IA 19821, 19822 CGLine+








- Self-contained LED luminaire with CGLine+ functionality for reduced inspection effort
- With Increased Affordance (IA) function: Triggered by a CGLine+ Web-controller or TL CGLine+ the product flashes in order to improve perceptibility. This way, evacuation can be quicker and safer.
- The IA CGLine+ Webcontroller enables users to program in which situation the luminaire will go to IA function and choose between blinking and pulsing (smooth blinking) depending on the application and surrounding
- Perfect homogeneity and uniformity of the pictogram's illuminance
- 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 Lmin/Lmax > 0.8
- Frameless design with pictogram integrated in acrylic glass
- Unobtrusiveness, thin and slim electronic base (Height: only 22mm)
- 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 thanks to low connected load
- Minimum maintenance effort and increased safety via use of LEDs with high service life (50,000 hours)
- 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 to suit most existing configurations (single & double sided signage)

Pictogram	
Viewing distance	20m and 30m
Included labels	Included pictograms: Up, down, left, right, blind
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 V AC 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	LED strip
Weight	CrystalWay19821 : 0.4 kg CrystalWay19822 : 0.7 kg

Ordering details

Product	Viewing distance	Picto (mm)	Duration	Consumption Max 500 Cd	Consumption Max 50 Cd	Order N°
CrystalWay 19821 1-8h/D IA CGLine+	20m	100 x 200	1/3/5/8h	4.1 W	2.3 W	40071777000
CrystalWay 19822 1-8h/D IA CGLine+	30m	150 x 300	1/3/5/8h	5.8 W	2.5 W	40071777001

Ordering details - accessories

Product	Order N° CrystalWay 19821	Order N° CrystalWay 19822
Wire suspension kit	LUM10560	LUM10560
Recessed base, for ceiling mounting	LUM10561	LUM10562
Recessed base with cover, for ceiling mounting	LUM10563	LUM10564
Recessed base with cover, for combination with wire suspension kit	LUM10563S	LUM10564S
Concrete box (suitable for recessed base with cover)	LUM10565	LUM10566
Add-on housing for expanded spatial conditions for wiring and cable infeed	LUM10567	
Horizontal pictogram Arrow Down, ISO 7010	 LUM10573	LUM10587
Horizontal pictogram Arrow Left, ISO 7010	 LUM10574	LUM10588
Horizontal pictogram Arrow Right, ISO 7010	 LUM10575	LUM10589
Horizontal pictogram Arrow Up, ISO 7010	 LUM10577	LUM10591
Vertical pictogram Arrow Down, ISO 7010	 LUM10584	LUM10592
Vertical pictogram Arrow Left PL, ISO 7010	 LUM10585	LUM10593
Vertical pictogram Arrow Right PR, ISO 7010	 LUM10586	LUM10594