Exit sign luminaire

CrystalWay Wireless



Wall-surface mounting



Ceiling-surface mounting



CrystalWay WLS

- Self-contained luminaire with Automatic Test and individual monitoring via Wireless system for reduced inspection effort
- Perfect homogeneity and uniformity of the pictogram's illuminance
- Frameless design with pictogram integrated in acrylic glass
- Unobtrusiveness, thin & slim electronic base (height: only 22mm)
- Ready for use in wall-surface or ceiling-surface mounting with same aesthetic
- Available with 20m and 30m viewing distance, single and double sided
- Including inlay legends for commonly used configurations, reducing the logistic effort to have the right pictograms on site
- Increased affordance functionality for better visibility of the exit sign and faster evacuation
- 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
- Brightness selectable in two steps in mains operation (eg. theater: 50 cd/m², Supermarket: 500 cd/m²) and additional setting (30%, 70%, 100%)
- Selectable operating time (1/3/5/8h operation)
- Selectable operation mode (Maintained or Non-Maintained) via switch input
- Low eco-footprint thanks to its eco-designed, low consumption and Lithium battery
- No component replacement during 10 years
- Simple fault analysis and status display via bicolor LED, testing button (magnet) and supervision solutions
- Minimum maintenance effort and increased safety via use of LEDs with high service life
- Complete range of accessories (suspension kit, recess base, recess box)
- Custom designed pictograms also available
- Unique EPAS ID per device

Pictogram Viewing distance Included labels	 20m and 30m 4 Non-adhesive Exit legends (D, U, R, L) ISO format
Luminous flux Φ_E/Φ_N at end of rated operating time	100% @ 1h, 45% @ 3h, 25% @ 5h, 18% @ 8h
Illumination in mains mode	50 or 500 cd setting via switch, and possible additional setting via magnet (30%, 70%, 100%)
Operation	Maintained / Non-Maintained (via switch input)
Duration	Configurable 1/3/5/8 hours
Testing system	Automatic Test in compliance with EN 62034 Connection possible to the Wireless monitoring system
Housing Type of mounting Material Colour	 Wall surface-mounting, Ceiling surface-mounting Polycarbonate White RAL9003
Degree of protection	IP42 / IK04
Terminals	Screwless terminals for flexible and rigid wires From 0,5 to 2,5 mm²
Connection voltage	220 - 240 V AC, 50/60 Hz
Permissible ambient temperature	5°C to 35°C
Battery	LiNiMnCoO2
Light source	LED, Lifespan 50 000h
Insulation	Class II

Ordering details

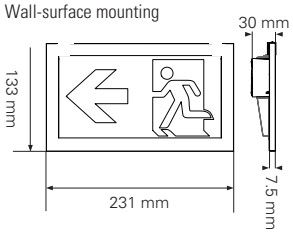
Order code	Viewing distance	IP	IK	Illumination in mains mode (cd)	Operation	Consumption NM W/VA	Consumption M 500 cd/m² W/VA	Battery	Weight (kg)
LUM17132	20m	42	04	50 or 500	MNM	0,3 W / 0,9 VA	2,5 W / 4,9 VA	LUM10568	0,4
LUM17134	30m	42	04	50 or 500	MNM	0,3 W / 0,9 VA	4,2 W / 8,4 VA	LUM10569	0,7

Exit sign luminaire

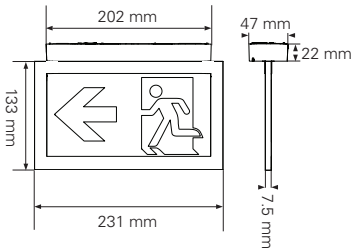
CrystalWay Wireless

CrystalWay 20m

Wall-surface mounting

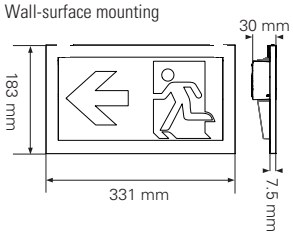


Ceiling-surface mounting

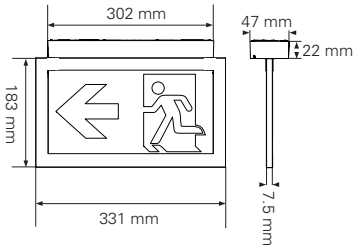


CrystalWay 30m

Wall-surface mounting



Ceiling-surface mounting



Accessories

	LUM10560	Wire suspension kit
	LUM10561	Recess base for CrystalWay 20m
	LUM10562	Recess base for CrystalWay 30m
	LUM10565	Recess box for CrystalWay 20m
	LUM10566	Recess box for CrystalWay 30m
	LUM10567	Base for optional cable access
	EMN	Magnet

Metal cover not compatible with Wireless variant, please use CGLine+ variant with external radio module.

Spare parts

	LUM10568	Battery LiNiMnCoO2 3,6V / 650mAh for CrystalWay 20m
	LUM10569	Battery LiNiMnCoO2 3,6V / 1240mAh for CrystalWay 30m
	LUM10570	Diffuser kit 24 LEDs for CrystalWay 20m
	LUM10571	Diffuser kit 38 LEDs for CrystalWay 30m
	LUM10572	Set of 4 hooks for CrystalWay 20m & 30m diffusers

Pictograms

	20 m	30 m	
	LUM10573	LUM10587	Picto, ISO7010-E001 D, Exit Down
	LUM10574	LUM10588	Picto, ISO7010-E001 L, Exit Left
	LUM10575	LUM10589	Picto, ISO7010-E002 R, Exit Right
	LUM10577	LUM10591	Picto, ISO7010-E002 U, Exit Up
	LUM10584	LUM10592	Picto, ISO7010-E002 VD, Exit Vertical Down
	LUM10585	LUM10593	Picto, ISO7010-E001 VL, Exit Vertical Left
	LUM10586	LUM10594	Picto, ISO7010-E002 VR, Exit Vertical Right