Exit sign and safety light combined luminaire

FlexiTech CW Wireless (Combined Wall)



FlexiTech CW 30m/20m viewing distance





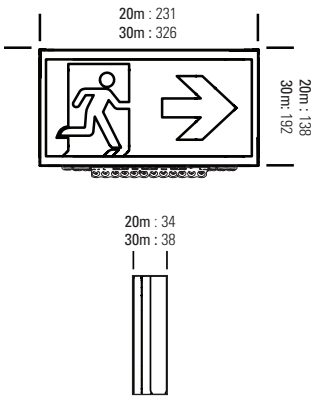


IP65 version

Easy and fast installation without cable glands

Entries made of a special thermoplastic elastomer with specific compound developed by automotive industry
Cable entries on sides have an innovative design with 2 membranes:
- The outside membrane protects against water jet pressure
- The inner membrane perfectly surrounds the cable for enhanced sealing

Dimensions (mm)



FlexiTech CW WLS

- Self-contained luminaire with Automatic Test and individual monitoring via Wireless system for reduced inspection effort
- Single sided exit sign, available with 20 and 30m viewing distance, equipped with light guide technology for wall mounting
- Non maintained Safety light with configurable optical lens to suit most of installation configuration's (escape route, open area, stair case, safety equipment, …)
- Robust construction IK07 for reliable operation even in difficult environments
- Protection degree IP65
- Non-obtrusive design and with a slim housing (34 / 38 mm)
- Including inlay legends for commonly used configurations reducing the logistic effort to have the right pictograms on site
- The inlay legends are well protected against scratches and dirt
- 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 DIN4844-1 / ISO 3864-1 (for bright surroundings), and perfect uniformity L_{min}/L_{max} > 0.8
- **Exit sign :** 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 (1/2/3/8h operation)
- **Exit sign :** Selectable operation mode (Maintained or Non-Maintained) via switch input
- Fast installation and effortless wiring thanks to: cable entries in rubber, large space for cabling, screwless terminal blocks, integrated spirit level and first fixed base plate to snap on the housing without any tool
- Transparent base plate with honeycomb footprint for easy replacement of existing products (IP4x use only)
- Low eco-footprint thanks to its eco-designed, low consumption and Lithium battery
- Simple fault analysis and status display via bicolor LED, testing button (magnet) and supervision solutions
- Lifespan: 10 years without component replacement, proven with 1 year aging test @70°C ambient temperature
- Complete range of accessories (recess kit, wire guard)
- Coloured accessories available on demand, custom designed pictograms also available
- Unique EPAS ID per device

Exit sign	
Pictogram Viewing distance Included labels	 20m or 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, 50% @ 2h, 30% @ 3h, 16% @ 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)
Safety light	
Luminous flux	240 lm
Flux derating	100% @ 1h / 75% @ 2h / 50% @ 3h / 25% @ 8h
Operation	Non-Maintained
General features	
Housing Type of mounting Material Colour	 Ceiling surface-mounting Polycarbonate White RAL9003
Duration	Configurable 1/2/3/8 hours
Testing system	Automatic Test in compliance with EN 62034 Connection possible to the Wireless monitoring system
Degree of protection	IP65 / IK07
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 45°C, 0°C to 45°C in maintained mode. 35°C max for 10 years lifetime.
Battery	LiFePO4
Light source	LED, 6 500 K, CRI ≥70, Lifespan 100 000h
Insulation Class	II

Ordering details

Order code	Viewing distance	IP	IK	Pictogramm Illumination in mains mode (cd/m²)	Safety light Luminous flux (lm) 1h	2h	3h	8h	Consumption NM (W/VA)	M 500 cd/m² W/VA	Battery	Weight (kg)
FT2CW4IWLS18IP	20m	65	07	50 / 500	240	180	120	60	0,3W / 1VA	1,6W / 3,7VA	FT-BATLL3	0.51
FT3CW4IWLS18IP	30m	65	07	50 / 500	240	180	120	60	0,3W / 1VA	2,5W / 5,5VA	FT-BATLL3	0.89

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Accessories

	FT2-WG	Wire Guard, compatible with FlexiTech CW 20m
	40071348370	Wire Guard, compatible with FlexiTech CW 30m
	EMN	Eaton Magnet for configuration and tests
	FT-BATLL3	Battery LiFePO4 long life, 3,2V / 3000mAh
	FT2-4I	Set of 4 pictos for FlexiTech EW, 20m (D, L, R, U), ISO format
	FT3-4I	Set of 4 pictos for FlexiTech EW, 30m (D, L, R, U), ISO format

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

Pictograms

	20 m	30 m	
	FT2EWEC-PICTO-VL	FT3EWEC-PICTO-VL	Picto, ISO7010-E001 VL, Exit Vertical Left
	FT2EWEC-PICTO-VR	FT3EWEC-PICTO-VR	Picto, ISO7010-E002 VR, Exit Vertical Right
	FT2EWEC-PICTO-VD	FT3EWEC-PICTO-VD	Picto, ISO7010-E002 VD, Exit Vertical Down
	FT2EWEC-PICTO-UR	FT3EWEC-PICTO-UR	Picto, ISO7010-E002 U/R, Exit Up Right
	FT2EWEC-PICTO-DR	FT3EWEC-PICTO-DR	Picto, ISO7010-E002 D/R, Exit Down Right
	FT2EWEC-PICTO-DL	FT3EWEC-PICTO-DL	Picto, ISO7010-E001 D/L, Exit Down Left
	FT2EWEC-PICTO-UL	FT3EWEC-PICTO-UL	Picto, ISO7010-E001 U/L, Exit Up Left
	FT2EWEC-PICTO-DMD	FT3EWEC-PICTO-DMD	Picto, FDX08-040-3 T28, Man in wheelchair door & arrow down
	FT2EWEC-PICTO-DML	FT3EWEC-PICTO-DML	Picto, FDX08-040-3 T28, Man in wheelchair door & arrow left
	FT2EWEC-PICTO-DMR	FT3EWEC-PICTO-DMR	Picto, FDX08-040-3 T28, Man in wheelchair door arrow right
	FT2EWEC-PICTO-DMU	FT3EWEC-PICTO-DMU	Picto, FDX08-040-3 T28, Man in wheelchair door arrow up
	FT2EWEC-PICTO-DML1	FT3EWEC-PICTO-DML1	Picto, DIN4844, Man in wheelchair & arrow left
	FT2EWEC-PICTO-DMR1	FT3EWEC-PICTO-DMR1	Picto, DIN4844, Man in wheelchair & arrow right
	FT2EWEC-PICTO-DMD1	FT3EWEC-PICTO-DMD1	Picto, DIN4844, Man in wheelchair & arrow down
	FT2EWEC-PICTO-EWL	FT3EWEC-PICTO-EWL	Picto, ISO7010-E016, Escape Window Left
	FT2EWEC-PICTO-EWR	FT3EWEC-PICTO-EWR	ISO7010-E016, Escape Window Right
	FT2EWEC-PICTO-EWD	FT3EWEC-PICTO-EWD	Picto, ISO7010-E016, Escape Window Down
	FT2EWEC-PICTO-RWL	FT3EWEC-PICTO-RWL	Picto, ISO7010-E017, Rescue Window Left
	FT2EWEC-PICTO-RWR	FT3EWEC-PICTO-RWR	Picto, ISO7010-E017, Rescue Window Right
	FT2EWEC-PICTO-RWD	FT3EWEC-PICTO-RWD	Picto, ISO7010-E017, Rescue Window Down
	FT2EWEC-PICTO-MP	FT3EWEC-PICTO-MP	Picto, ISO7010-E007, Meeting Point
	FT2EWEC-PICTO-CR	FT3EWEC-PICTO-CR	Picto, ISO7010-E003, First-Aid
	FT2EWEC-PICTO-H	FT3EWEC-PICTO-H	Picto, Hydrant
	FT2EWEC-PICTO-FEX	FT3EWEC-PICTO-FEX	Picto, ISO7010-F001, Fire Extinguisher
	FT2EWEC-PICTO-FHO	FT3EWEC-PICTO-FHO	Picto, ISO7010-F002, Fire Hose
	FT2EWEC-PICTO-INFO	FT3EWEC-PICTO-INFO	Picto, ISO7001/P-I PF001, INFO
	FT2EWEC-PICTO-WC	FT3EWEC-PICTO-WC	Picto, ISO7001/P-I PF003, WC

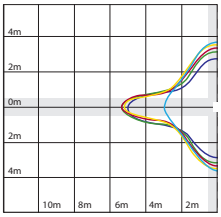
FlexiTech Combined Wall, isolux curves

FlexiTech CW WLS

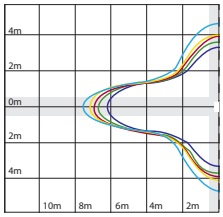
Installation height :

2.2 m 2.5 m 2.8 m 3.0 m 3.5 m

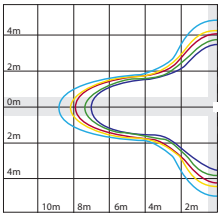
Luminaire configuration : 2 lenses in 1 direction, 1lx min
Wall mounting, maintenance factor MF = 80%, measurement at floor level, battery operation.



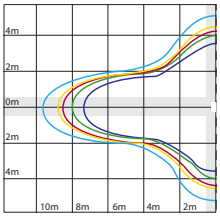
Flux value : 60lm
Configuration at 8 hours



Flux value : 120lm
Configuration at 3 hours

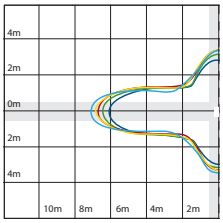


Flux value : 180lm
Configuration at 2 hours

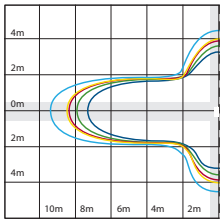


Flux value : 240lm
Configuration at 1 hour

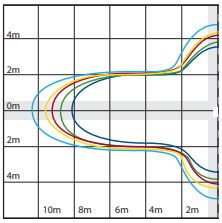
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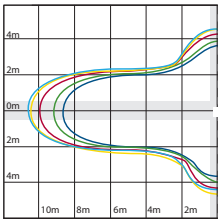
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Configuration at 3 hours

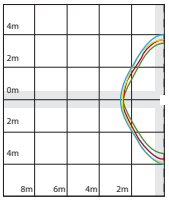


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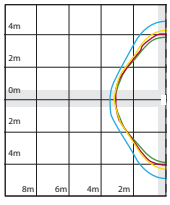


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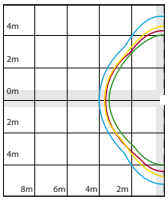
Luminaire configuration : No focus lens, 1lx min
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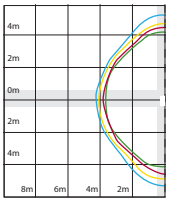
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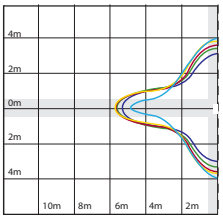
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FlexiTech CW Wireless

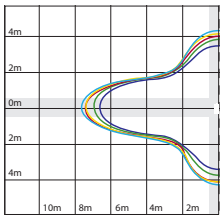
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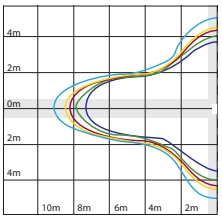
Luminaire configuration : 2 lenses in 1 direction, 1lx min
Wall mounting, maintenance factor MF = 94%, measurement at floor level, battery operation.



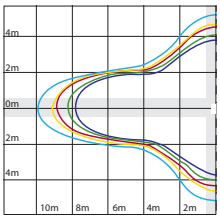
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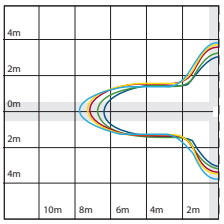


Flux value : 180lm
Configuration at 2 hours

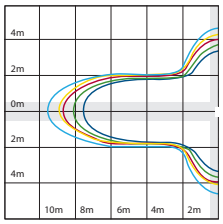


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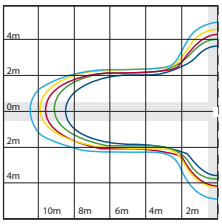
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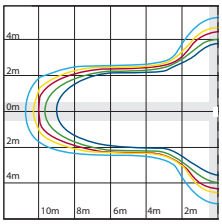
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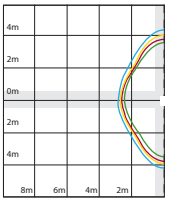


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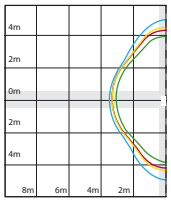


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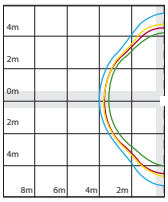
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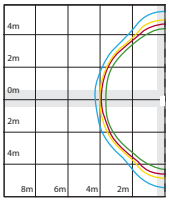
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