

Exit sign Luminaire

FlexiTech EW CGLine+ (Exit Wall)



FlexiTech EW 30m/20m/12m viewing distance



IP66 version

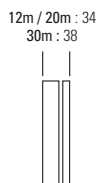
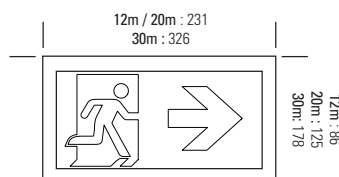
Easy and fast installation without cable glands
Same look as the IP43 version

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)



EATON FlexiTech EW CGLine+ Datasheet - January 2025

FlexiTech EW CGLine+

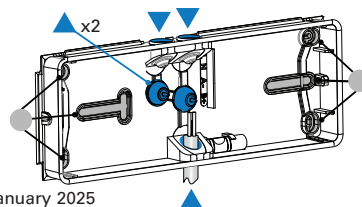
- Self-contained luminaire with Automatic Test and individual monitoring (CGLine+) for reduced inspection effort
- Single sided exit sign with light guide technology for wall mounting
- Robust construction IK07 for reliable operation even in difficult environments
- Available with 12, 20 and 30m viewing distance and protection degrees IP43 and IP66
- 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 $L_{min}/L_{max} > 0.8$
- 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)
- 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

Pictogram	
Viewing distance	12m, 20m or 30m
Included labels	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)
Duration	Configurable 1/2/3/8 hours
Testing system	Automatic Test in compliance with EN 62034 Connection possible to the CGLine+ monitoring system
Housing	
Type of mounting	Wall surface-mounting
Material	Polycarbonate
Colour	White RAL9003
Degree of protection	IP43 or IP66 / IK07
Terminals	Screwless terminals 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 45°C, 0°C to 45°C in maintained mode. 35°C max for 10 years lifetime.
Battery	LiFePO4
Light source	LED, Lifespan 100 000h
Insulation Class	II

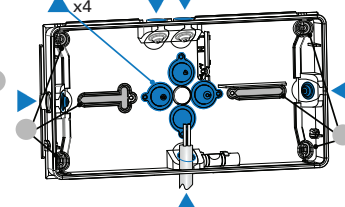
Ordering details

Order code	Viewing distance	IP	IK	Illumination in mains mode (cd)	Operation	Consumption		Battery	Weight (kg)
						NM W/WA	M 500 cd/m ² W/WA		
FT1EW4ICGL18	12m	43	07	50 or 500	MNM	0,3W / 1 VA	1,1W / 2,5 VA	FT-BATLL1	0,34
FT1EW4ICGL18IP	12m	66	07	50 or 500	MNM	0,3W / 1 VA	1,1W / 2,5 VA	FT-BATLL1	0,34
FT2EW4ICGL18	20m	43	07	50 or 500	MNM	0,3W / 1 VA	1,6W / 3,7 VA	FT-BATLL2	0,45
FT2EW4ICGL18IP	20m	66	07	50 or 500	MNM	0,3W / 1 VA	1,6W / 3,7 VA	FT-BATLL2	0,45
FT3EW4ICGL18	30m	43	07	50 or 500	MNM	0,3W / 1 VA	2,5W / 5,5 VA	FT-BATLL2	0,97
FT3EW4ICGL18IP	30m	66	07	50 or 500	MNM	0,3W / 1 VA	2,5W / 5,5 VA	FT-BATLL2	0,97

Cable entries for FlexiTech EW 12m



Cable entries for FlexiTech EW 20/30m



▲ Cable entries

● Fixing points

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FlexiTech EW CGLine+ (Exit Wall)

Accessories



**Black mat
RAL9005**



**Dark Grey
RAL7015**



**Silver gloss
RAL9007**



**White
RAL9003**



FT1-RK	Recess Kit for FlexiTech EW 12m	FT1-RK-B	FT1-RK-DG	FT1-RK-S	
FT2-RK	Recess Kit for FlexiTech EW 20m, metal	FT2-RK-B	FT2-RK-DG	FT2-RK-S	
FT3-RK	Recess Kit for FlexiTech EW 30m, metal	FT3-RK-B	FT3-RK-DG	FT3-RK-S	
	Metal cover for FlexiTech EW 12m	FT1EWSU-MC-B	FT1EWSU-MC-DG	FT1EWSU-MC-S	FT1EWSU-MC
	Metal cover for FlexiTech EW 20m	FT2EWSU-MC-B	FT2EWSU-MC-DG	FT2EWSU-MC-S	FT2EWSU-MC
	Metal cover for FlexiTech EW 30m	FT3EWSU-MC-B	FT3EWSU-MC-DG	FT3EWSU-MC-S	FT3EWSU-MC



FT2-WG	Wire Guard, compatible with FlexiTech EW 12m and 20m				
40071348370	Wire Guard, compatible with FlexiTech EW 30m				



FT1-RB	Recess box / plaster & brick for FlexiTech EW 12m				
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EMN	Eaton Magnet for configuration and tests				
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FT-BATLL1	Battery LiFePO4 long life, 3,2V / 600mAh				
FT-BATLL2	Battery LiFePO4 long life, 3,2V / 1500mAh				



FT1-4I	Set of 4 pictos for FlexiTech EW, 12m (D, L, R, U), ISO format				
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				

Pictograms



	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