

# FlexiTech EW CGLine+ - Datasheet



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



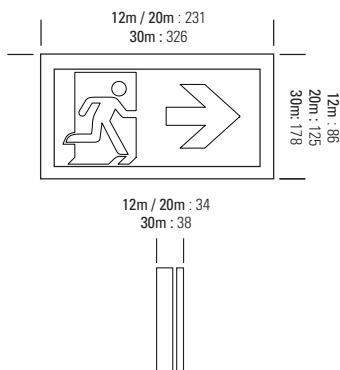
## IP66 version

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)



## FlexiTech EW CGLine+

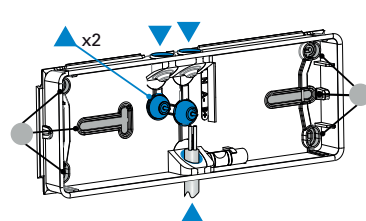
- Self-contained luminaire with Automatic Test and individual monitoring (CGLine+) for reduced inspection effort
- Single sided exit sign with light guide technology for wall mounting
- Robust construction IK07 for reliable operation even in difficult environments
- Available with 12, 20 and 30m viewing 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  $> 500 \text{ cd/m}^2$  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:  $50 \text{ cd/m}^2$ , Supermarket:  $500 \text{ cd/m}^2$ ) 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 $\Phi_e/\Phi_N$ 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 <sup>2</sup>
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

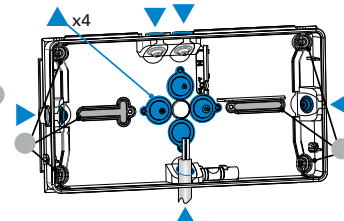
## Ordering details

Order code	Viewing distance	IP	IK	Illumination in mains mode (cd)	Operation	Consumption		Battery	Weight (kg)
						NM W/VA	M 500 cd/m <sup>2</sup> W/VA		
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






# Accessories for FlexiTech EW

## Accessories

 **Black mat**  
RAL9005

























 **Dark Grey**  
RAL7015

 **Silver gloss**  
RAL9007

	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
		Metal cover for FlexiTech EW 20m	FT2EWSU-MC-B	FT2EWSU-MC-DG	FT2EWSU-MC-S
		Metal cover for FlexiTech EW 30m	FT3EWSU-MC-B	FT3EWSU-MC-DG	FT3EWSU-MC-S
	FT2-WG	Wire Guard, compatible with FlexiTech EW 12m and 20m			
	FT3-WG	Wire Guard, compatible with FlexiTech EW 30m			
	FT1-RB	Recess box / plaster & brick for FlexiTech EW 12m			
	EMN	Eaton Magnet for configuration and tests			
	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-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

