FlexiTech ED - **Datasheet**

CE EN 60598-2-22 EN 1838 EN 62034

IP43 IK07 20 m

LED AT

CG+ Line LifePo

FlexiTech ED CGLine+

- LED self-contained luminaire with Automatic Test and individual monitoring (CGLine+) for reduced inspection effort
- 20m viewing distance Exit sign, single and double sided
- Non obstrusive design and slim housing (34mm)
- Same aesthetic either in wall or ceiling mounting
- "Dual" concept, Exit sign luminaire ready for use in wall-surface or ceiling-surface mounting (one box solution)
- Delivered with non adhesive exit legends for most of existing configurations (single & double sided signage)
- Increased Affordance functionality for better visibility of the exit sign and faster evacuation
- Perfect homogeneity and uniformity of the pictogram's illuminance
- Optimal recognition via high luminance of white contrast colour > 500 Cd/m2 according to DIN4844-1 / 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 (1/2/3/8h operation)
- Selectable operation mode (M or NM) via external switch
- Large working space, cable entries in flexible material and spirit level for easy and fast installation
- Transparent base plate with honeycomb footprint for easy replacement of existing products
- Low eco footprint thanks to eco designed luminaire, low consumption and Lithium battery
- Life span: 10 years, proved with 1 year aging test @ 70°C ambient temperature
- No component replacement during 10 years
- 4 years warranty for CGLine+ variants plus additional 6 years digressive warranty on battery pack
- Simple fault analysis and status display via bicolor LED, testing button (magnet) and supervision solutions
- Complete range of accessories (Recess Kit for Ceiling, Wire Guard)
- Product also available in 3 other colours: Black mat RAL9005, Dark Grey RAL7015, Silver gloss RAL9007
- Custom designed pictograms also available

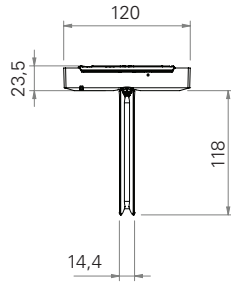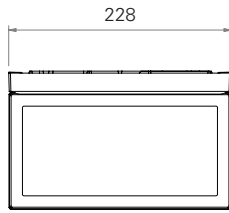FlexiTech ED - Wall mounted

FlexiTech ED - Ceiling mounted

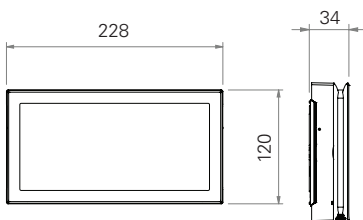| Pictogram	
Viewing distance	20m
Included labels	4 Non adhesive Exit legends (D,U,R,L) ISO format
Luminous flux Φ_E/Φ_N at end of rated operating time	100% @ 1h, 50% @ 2h, 42% @ 3h, 16% @ 8h
Illumination in mains mode	50 or 500 cd setting via switch, and possible additional setting via magnet (30%, 70%, 100%)
Operation	Maintained / Non-Maintained (via external switch)
Testing system	Automatic Test in compliance with EN 62034 Connection possible to the CGLine+ monitoring system
Rest mode	Rest mode function and test via remote control (TLU)
Housing	
Type of mounting	Wall surface-mounting, Ceiling surface-mounting
Material	Polycarbonate
Colour	White RAL9003
Degree of protection	IP43 / 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 35°C for 10 years lifetime
Battery	LifePo
Light source	LED
Dimensions	Housing: 120 × 228 × 34 mm - Edge panel thickness: 14.4 mm
Insulation Class	II

Ordering details

Order code	Duration (h)	Illumination in mains mode (cd)	Operation	Consumption		Battery	Weight (kg)
				NM W/VA	M 500 cd W/VA		
FT2ED4ICGL18	1/2/3/8	50 or 500	MNM	0,4W / 1VA	2W / 5 VA	FT-BATLL2	0.5

Dimensions in mm (ceiling mounted)

228

120

23,5

118

14,4

Dimensions in mm (wall mounted)

228

34

120

Accessories

	FT2-RKC	Recess Kit for Ceiling, compatible with FlexiTech SE and FlexiTech ED (ceiling position)
	FT2-WG	Wire Guard, compatible with FlexiTech SE and FlexiTech ED
	40071352379	Eaton Magnet for lighting configuration and manual tests
	FT-BATLL2	Battery Pack, LifePo long life 3,2V / 1,5Ah

Pictograms

	FT2ED-PICTO-VL	EATON FlexiTech 20m, Picto, ISO7010-E001 VL, Exit Vertical Left
	FT2ED-PICTO-VR	EATON FlexiTech 20m, Picto, ISO7010-E002 VR, Exit Vertical Right
	FT2ED-PICTO-VD	EATON FlexiTech 20m, Picto, ISO7010-E002 VD, Exit Vertical Down
	FT2ED-PICTO-UR	EATON FlexiTech 20m, Picto, ISO7010-E002 U/R, Exit Up Right
	FT2ED-PICTO-DR	EATON FlexiTech 20m, Picto, ISO7010-E002 D/R, Exit Down Right
	FT2ED-PICTO-DL	EATON FlexiTech 20m, Picto, ISO7010-E001 D/L, Exit Down Left
	FT2ED-PICTO-UL	EATON FlexiTech 20m, Picto, ISO7010-E001 U/L, Exit Up Left
	FT2ED-PICTO-DMD	EATON FlexiTech 20m, Picto, FDX08-040-3 T28, Man in wheel chair door & arrow down
	FT2ED-PICTO-DML	EATON FlexiTech 20m, Picto, FDX08-040-3 T28, Man in wheel chair door & arrow left
	FT2ED-PICTO-DMR	EATON FlexiTech 20m, Picto, FDX08-040-3 T28, Man in wheel chair door arrow right
	FT2ED-PICTO-DML1	EATON FlexiTech 20m, Picto, DIN4844, Man in wheel chair & arrow left
	FT2ED-PICTO-DMR1	EATON FlexiTech 20m, Picto, DIN4844, Man in wheel chair & arrow right
	FT2ED-PICTO-DMD1	EATON FlexiTech 20m, Picto, DIN4844, Man in wheel chair & arrow down
	FT2ED-PICTO-MP	EATON FlexiTech 20m, Picto, ISO7010-E007, Meeting Point
	FT2ED-PICTO-H	EATON FlexiTech 20m, Picto, Hydrant
	FT2ED-PICTO-CR	EATON FlexiTech 20m, Picto, ISO7010-E003, First-Aid
	FT2ED-PICTO-FEX	EATON FlexiTech 20m, Picto, ISO7010-F001, Fire Extinguisher
	FT2ED-PICTO-FHO	EATON FlexiTech 20m, Picto, ISO7010-F002, Fire Hose
	FT2ED-PICTO-INFO	EATON FlexiTech 20m, Picto, ISO7001/P-I PF001, INFO
	FT2ED-PICTO-WC	EATON FlexiTech 20m, Picto, ISO7001/P-I PF003, WC
	FT2ED-PICTO-EWL	EATON FlexiTech 20m, Picto, ISO7010-E016, Escape Window Left
	FT2ED-PICTO-EWR	EATON FlexiTech 20m, Picto, ISO7010-E016, Escape Window Right
	FT2ED-PICTO-EWD	EATON FlexiTech 20m, Picto, ISO7010-E016, Escape Window Down
	FT2ED-PICTO-RWL	EATON FlexiTech 20m, Picto, ISO7010-E017, Rescue Window Left
	FT2ED-PICTO-RWR	EATON FlexiTech 20m, Picto, ISO7010-E017, Rescue Window Right
	FT2ED-PICTO-RWD	EATON FlexiTech 20m, Picto, ISO7010-E017, Rescue Window Down

FlexiTech ED - Datasheet

CE | **EN 60598-2-22** | **EN 1838** | **EN 62034**

☐ | **IP43** | **IK07** | **20 m**

LED | ▮ | ▯ | **AT**

LifePo | ⊘

FlexiTech ED AT

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- Large working space, cable entries in flexible material and spirit level for easy and fast installation
- Transparent base plate with honeycomb footprint for easy replacement of existing products
- Low eco footprint thanks to eco designed luminaire, low consumption and Lithium battery
- Simple fault analysis and status display via bicolor LED, testing button (magnet)
- Complete range of accessories (Recess Kit for Ceiling, Wire Guard)
- Product also available in 3 other colours: Black mat RAL9005, Dark Grey RAL7015, Silver gloss RAL9007
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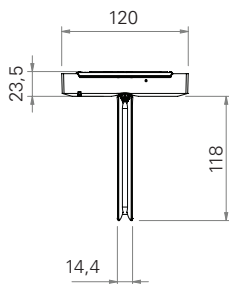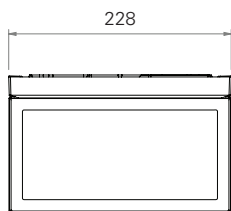
FlexiTech ED - Wall mounted
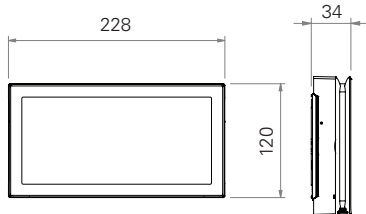
FlexiTech ED - Ceiling mounted

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Operation	Maintained / Non-Maintained (via external switch)
Testing system	Automatic Test in compliance with EN 62034
Housing	
Type of mounting	Wall surface-mounting, Ceiling surface-mounting
Material	Polycarbonate
Colour	White RAL9003
Degree of protection	IP43 / 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
Battery	LifePo
Light source	LED
Dimensions	Housing: 120 × 228 × 34 mm - Edge panel thickness: 14.4 mm
Insulation Class	II

Dimensions in mm (ceiling mounted)

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Dimensions in mm (wall mounted)

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Accessories

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	FT-BAT1	Battery Pack, LifePo 3,2V / 0,6Ah

Pictograms

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	FT2ED-PICTO-MP	EATON FlexiTech 20m, Picto, ISO7010-E007, Meeting Point
	FT2ED-PICTO-H	EATON FlexiTech 20m, Picto, Hydrant
	FT2ED-PICTO-CR	EATON FlexiTech 20m, Picto, ISO7010-E003, First-Aid
	FT2ED-PICTO-FEX	EATON FlexiTech 20m, Picto, ISO7010-F001, Fire Extinguisher
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	FT2ED-PICTO-WC	EATON FlexiTech 20m, Picto, ISO7001/P-I PF003, WC
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	FT2ED-PICTO-EWR	EATON FlexiTech 20m, Picto, ISO7010-E016, Escape Window Right
	FT2ED-PICTO-EWD	EATON FlexiTech 20m, Picto, ISO7010-E016, Escape Window Down
	FT2ED-PICTO-RWL	EATON FlexiTech 20m, Picto, ISO7010-E017, Rescue Window Left
	FT2ED-PICTO-RWR	EATON FlexiTech 20m, Picto, ISO7010-E017, Rescue Window Right
	FT2ED-PICTO-RWD	EATON FlexiTech 20m, Picto, ISO7010-E017, Rescue Window Down