

# Flatlite



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Emergency Luminaires & Exit Signs  
Surface & Mounted, Single & Double Sided

## General Specifications

Application	Escape Sign, Anti-Panic Lighting, Escape Route Lighting, Hazardous Area Lighting
Mounting	Direct mounting to wall & ceiling. Recessed mounting is available by accessory
Type	Manual Test, Auto Test, DALI2, Wireless, Central
Operating Mode	Selectable maintained/ non-maintained
Emergency Duration	Selectable 1/3 hours and 3/8 hours
Viewing Distance	30m
Light Source	LED module, 12 mid power leds, 6500K, CRI>80
Battery	Li-FePO4
Warranty	5 years (battery 3 years)

## Technical Specifications

Supply Voltage	220-240 Volt, 0/50-60 Hz, 0,03A, max 3W
Battery	3.2 Volt Li-FePO4
Charger	Smart charger circuit
Charge Indicator	Green LED lamp
Fault Indicator	Red LED lamp
Insulation Class	Class II
Protection Class	IP65
Impact Protection Rating	IK08
Temperature	ta 0 / +45°C
Terminals	Up to 2x2,5mm <sup>2</sup> quick fit terminal block
Cable Entry	Breakable entry holes back, rear & top parts
Enclosure	White polycarbonate housing

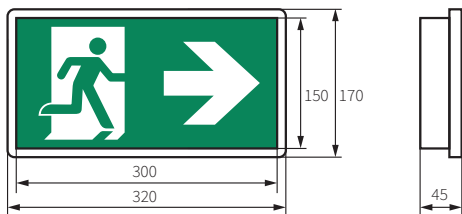
## Li-FePO4 Batteries & Management

- Smart charge circuit
- Overcharge/ overdischarge protection
- Short/ open circuit protection
- Deep discharge protection
- High/Low temperature protection
- Polarity reversal protection by connector
- Up to 10 year design life

## Standards

- EN 60598-1
- EN 60598-2-22
- EN 62031
- EN 62471
- EN 62384
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547
- IEC 62133-2 (related to battery)
- According to EN 1838 (Application)
- According to EN 50172 (Application)
- According to EN 62034 (Auto Test)
- According to EN 62386 (DALI)

## Dimensions (mm)



## Standard Signs



Wall Mount



Wall Mount & Ceiling Mount  
Recessed Mount (via FTL-REC-SET)



Ceiling Mount  
Recessed Mount (via FTL-REC-SET)



With Opal pad  
(FTL -PAD-OPAL)

## Ordering Details

Code	Emergency Duration & Lumen Output			Li-FePO4 Battery	Type
	1H	3H	8H		
FTL10-E	250 Lumen	85 Lumen	-	3.2V -1.0Ah	Manual Test
FTL16-E	250 Lumen	140 Lumen	-	3.2V -1.6Ah	
FTL20-E	250 Lumen	180 Lumen	-	3.2V -2.0Ah	
FTL32-E	-	250 Lumen	100 Lumen	3.2V -3.2Ah	Auto Test
FTL10-AT	250 Lumen	85 Lumen	-	3.2V -1.0Ah	
FTL16-AT	250 Lumen	140 Lumen	-	3.2V -1.6Ah	
FTL20-AT	250 Lumen	180 Lumen	-	3.2V -2.0Ah	
FTL32-AT	-	250 Lumen	100 Lume	3.2V -3.2Ah	DALI-2
FTL16-DALI	250 Lumen	140 Lumen	-	3.2V -1.6Ah	
FTL20-DALI	250 Lumen	180 Lumen	-	3.2V -2.0Ah	
FTL32-DALI	-	250 Lumen	100 Lumen	3.2V -3.2Ah	Wireless
FTL-32-LUM	-	250 Lumen	-	3.2V -3.2Ah	
FTL-CBE	250 Lumen			-	Central-Eco
FTL-CBDALI	250 Lumen			-	Central-DALI

Accessories	Explanations
FTL-PAD-LEFT	Sign pad, LEFT side
FTL-PAD-RIGHT	Sign pad, RIGHT side
FTL-PAD-UP	Sign pad, UP side
FTL-PAD-DOWN	Sign pad, DOWN side
FTL-SIGN-SET1	Sign set, LEFT, RIGHT, UP & DOWN side
FTL-PAD-OPAL	Opal pad
FTL-REC-SET	Recessed mounting set
FTL-DOUBLE-SIDE-SET	Mounting set for double-sided application