

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
Viewing Distance	30m
Light Source	12 mid power led module, 6500K, CRI>80 HP models: 30 mid power led module, 6500K, CRI>80
Battery	Li-FePO4
Warranty	5 years

Technical Specifications

Supply Voltage	220-240 Volt, 0/50-60 Hz
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 / +40°C
Terminals	Up to 2x2,5mm ² quick fit terminal block
Cable Entry	Breakable entry holes back, rear & top parts
Enclosure	White polycarbonate housing

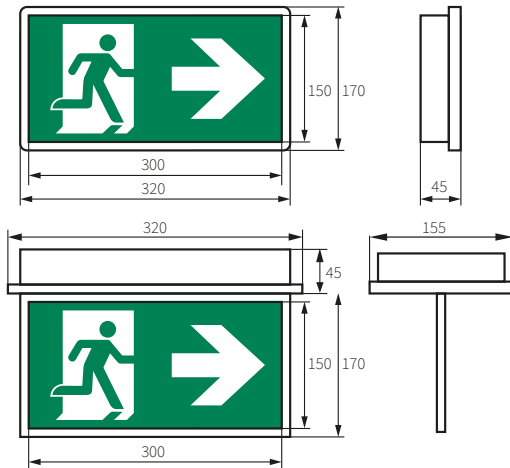
Li-FePO4 Batteries & Management

- 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 62384
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547
- IEC 62133-2 (related to battery)
- IEC 62620 (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)



Ordering Details

Code	Lumen Output		Li-FePO4 Battery	Type
	1H	3H		
FTL16-E	250 Lumen	140 Lumen	3.2V -1.6Ah	Manual Test
FTL20-E	250 Lumen	180 Lumen	3.2V -2.0Ah	
FTL32-E	-	250 Lumen	3.2V -3.2Ah	
FTL60-E	800 Lumen	500 Lumen	3.2V -6.4Ah	
FTL16-AT	250 Lumen	140 Lumen	3.2V -1.6Ah	Auto Test
FTL20-AT	250 Lumen	180 Lumen	3.2V -2.0Ah	
FTL32-AT	-	250 Lumen	3.2V -3.2Ah	
FTL60-AT	800 Lumen	500 Lumen	3.2V -6.4Ah	
FTL16-DALI	250 Lumen	140 Lumen	3.2V -1.6Ah	DALI-2
FTL20-DALI	250 Lumen	180 Lumen	3.2V -2.0Ah	
FTL32-DALI	-	250 Lumen	3.2V -3.2Ah	
FTL60-DALI	800 Lumen	500 Lumen	3.2V -6.4Ah	
FTL-16-LUM	250 Lumen	140 Lumen	3.2V -1.6Ah	Wireless
FTL-32-LUM	-	250 Lumen	3.2V -3.2Ah	
FTL-CBE	250 Lumen	-	-	Central-Eco
FTL-CBDALI	250 Lumen	-	-	Central-DALI
FTL-HP-CBDALI	1000 Lumen	-	-	

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

Standard Signs

