

StarLED



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Emergency Luminaires & Exit Signs
Surface Mounted, Single 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	24m
Light Source	LED module, 6500K, CRI>80, Li-FePO4 models 12 Led, Ni-Cd/Ni-MH models 8 Led
Battery	Li-FePO4, Ni-Cd, Ni-MH
Warranty	5 years (Li-FePO4 battery 3 years, Ni-Cd/ Ni-MH battery 1 year)

Technical Specifications

Supply Voltage	Li-FePO4: 220-240 Volt, 0/50-60 Hz, 0,03A, max 3W Ni-Cd/ Ni-MH: 230 Volt, 50-60 Hz, 0,05A, max 5W
Battery	Li-FePO4: 3.2 Volt , Ni-Cd/ Ni-MH: 3.6 Volt
Charger	Smart charger circuit
Charge Indicator	Green LED lamp
Fault Indicator	Red LED lamp
Insulation	Class II
Protection	IP65
Impact protection	IK08
Temperature	Li-FePO4: ta 0 /+45°C, Ni-Cd/ Ni-MH: ta 5 /+40°C
Terminals	Up to 2x2,5mm ² quick fit terminal
Cable Entry	Breakable entry holes back, rear and top sides
Enclosure	White polycarbonate housing

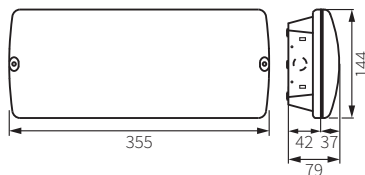
Li-FePO4 Batteries & Management

- 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)



Ordering Details

Code Li-FePO4 Models	Lumen Output			Battery	Type
	1H	3H	8H		
STR-10E	270 Lm	90 Lm	-	3.2V-1.0Ah Li-FePO4	Manual Test
STR-16E	270 Lm	140 Lm	-	3.2V-1.6Ah Li-FePO4	
STR-20E	270 Lm	185 Lm	-	3.2V-2.0Ah Li-FePO4	
STR-32E	-	270 Lm	100 Lm	3.2V-3.2Ah Li-FePO4	
STR-10ST	270 Lm	90 Lm	-	3.2V-1.0Ah Li-FePO4	Auto Test
STR-16ST	270 Lm	140 Lm	-	3.2V-1.6Ah Li-FePO4	
STR-20ST	270 Lm	185 Lm	-	3.2V-2.0Ah Li-FePO4	
STR-32ST	-	270 Lm	100 Lm	3.2V-3.2Ah Li-FePO4	DALI2
STR-16DALI	-	140 Lm	-	3.2V-1.6Ah Li-FePO4	
STR-20DALI	-	185 Lm	-	3.2V-2.0Ah Li-FePO4	
STR-32DALI	-	270 Lm	-	3.2V-3.2Ah Li-FePO4	Wireless - Luminula
STR-16LUM	-	140 Lm	-	3.2V-1.6Ah Li-FePO4	
STR-CBE	-	270 Lm	-	-	Central Eco
STR-CBDALI	-	270 Lm	-	-	Central DALI2

Code Ni-Cd/Ni-MH Models	Lumen Output		Battery	Type
	1H	3H		
STR-SM8E	185 Lm	70 Lm	3.6V-0.8Ah Ni-Cd	Manual Test
STR-SM15E	290 Lm	135 Lm	3.6V-1.5Ah Ni-Cd	
STR-SM8ST	185 Lm	70 Lm	3.6V-0.8Ah Ni-Cd	Auto Test
STR-SM15ST	290 Lm	135 Lm	3.6V-1.5Ah Ni-Cd	
STR-SM15-DALI	-	135 Lm	3.6V-1.5Ah Ni-Cd	DALI
STR-SM22MH-DALI	-	290 Lm	3.6V-2.2Ah Ni-MH	

Sign Pads & Accessories	
STR-ETK-SET	Sign Pad Set (Up, Down, Right, Left & White pad)
STR-ETK-UP	Up side sign pad
STR-ETK-DOWN	Down side sign pad
STR-ETK-LEFT	Left side sign pad
STR-ETK-RIGHT	Right side sign pad
STR-ETK-WHITE	White pad
STR-PERSPEX-SET	Perspex sign set
STR-ANK	Recessed mounting box
STR-PRGRID	Protection grid