

# 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
Viewing Distance	24m
Light Source	8 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	IK10
Temperature	ta 0 / +40°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

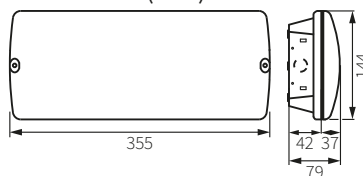
## Li-FePO4 Batteries & Management

- Multi level smart charge system.
- Integrated open / short circuit protection.
- Integrated low / high temperature protection.
- Integrated overcharge / overdischarge protection.
- Integrated deep discharge protection.
- Polarity reversal protection for battery provided by 3-pole connector.
- Up to 10 year design life.

## Standards

- |                 |                                       |
|-----------------|---------------------------------------|
| • EN 60598-1    | • EN 61547                            |
| • EN 60598-2-22 | • IEC 62133-2 (related to battery)    |
| • EN 62031      | • IEC 62620 (related to battery)      |
| • EN 62384      | • According to EN 1838 (Application)  |
| • EN 55015      | • According to EN 50172 (Application) |
| • EN 61000-3-2  | • According to EN 62034 (Auto Test)   |
| • EN 61000-3-3  | • According to EN 62386 (DALI)        |

## Dimensions (mm)



## Standard Signs



## Ordering Details

Code	Lumen Output		Li-FePO4 Battery	Type
	1H	3H		
STR16-E	250 Lumen	140 Lumen	3.2V -1.6Ah	Manual Test
STR20-E	250 Lumen	180 Lumen	3.2V -2.0Ah	
STR32-E	-	250 Lumen	3.2V -3.2Ah	
STR60-E	800 Lumen	500 Lumen	3.2V -6.4Ah	Auto Test
STR16-AT	250 Lumen	140 Lumen	3.2V -1.6Ah	
STR20-AT	250 Lumen	180 Lumen	3.2V -2.0Ah	
STR32-AT	-	250 Lumen	3.2V -3.2Ah	DALI-2
STR60-AT	800 Lumen	500 Lumen	3.2V -6.4Ah	
STR16-DALI	250 Lumen	140 Lumen	3.2V -1.6Ah	
STR20-DALI	250 Lumen	180 Lumen	3.2V -2.0Ah	Wireless
STR32-DALI	-	250 Lumen	3.2V -3.2Ah	
STR60-DALI	800 Lumen	500 Lumen	3.2V -6.4Ah	
STR-16-LUM	250 Lumen	140 Lumen	3.2V -1.6Ah	Central-Eco
STR-32-LUM	-	250 Lumen	3.2V -3.2Ah	
STR-CBE	250 Lumen	-	-	Central-DALI
STR-CBDALI	250 Lumen	-	-	
STR-HP-CBDALI	1000 Lumen	-	-	

Accessories	Explanations
STR-PAD-LEFT	Sign pad, LEFT side
STR-PAD-RIGHT	Sign pad, RIGHT side
STR-PAD-UP	Sign pad, UP side
STR-PAD-DOWN	Sign pad, DOWN side
STR-PAD-OPAL	Opal pad
STR-SIGN-SET1	Sign set, LEFT, RIGHT, UP, DOWN side & opal pad
STR-REC-SET	Recessed mounting set
STR-PERSPEX-SET	Perspex sign set
STR-PRGRID	Protection grid