

Astralite

Emergency Luminaires
Recessed Mount

General Specifications

Application	Anti-Panic Lighting, Escape Route lighting, Hazardous Area Lighting
Mounting	Recessed mount
Type	Manual Test, Self Test, DALI2, Wireless, Central
Operating Mode	Non-maintained
Emergency Duration	Selectable 1/3 hours or 3/8 hours
Light Source	Single power led, 5000-6500K, CRI>70, max 280 Lumen
Lumen Output	Up to 280 Lumen
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
Charger	Smart charger circuit
Charge Indicator	Green LED lamp
Fault Indicator	Red LED lamp
Insulation	Class II
Protection	IP30
Temperature	ta 0 /+45°C
Terminals	Up to 2x2,5mm ² quick fit terminal
Cable Entry	Front side
Enclosure	White polycarbonate housing

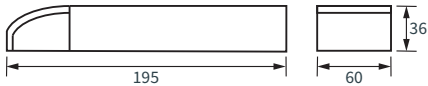
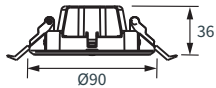
Li-FePO4 Batteries & Management

- 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)



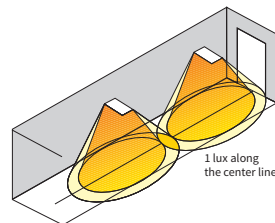
Escape Route Lighting Lens

Open Area (Antipanic) Lighting Lens

Ordering Details

Code Li-FePO4 Models	Lumen Output			Battery	Type
	1H	3H	8H		
ASL-10E-XX	280 Lm	105 Lm	-	3.2V-1.0Ah Li-FePO4	Manual Test
ASL-16E-XX	280 Lm	160 Lm	-	3.2V-1.6Ah Li-FePO4	
ASL-20E-XX	280 Lm	205 Lm	-	3.2V-2.0Ah Li-FePO4	
ASL-32E-XX	-	280 Lm	100 Lm	3.2V-3.8Ah Li-FePO4	Auto Test
ASL-10AT-XX	280 Lm	105 Lm	-	3.2V-1.0Ah Li-FePO4	
ASL-16AT-XX	280 Lm	160 Lm	-	3.2V-1.6Ah Li-FePO4	
ASL-20AT-XX	280 Lm	205 Lm	-	3.2V-2.0Ah Li-FePO4	
ASL-32AT-XX	-	280 Lm	100 Lm	3.2V-3.8Ah Li-FePO4	DALI2
ASL-16DALI-XX	-	160 Lm	-	3.2V-1.6Ah Li-FePO4	
ASL-20DALI-XX	-	205 Lm	-	3.2V-2.0Ah Li-FePO4	
ASL-32DALI-XX	-	280 Lm	-	3.2V-3.8Ah Li-FePO4	Wireless - Luminula
ASL-16LUM-XX	-	160 Lm	-	3.2V-1.6Ah Li-FePO4	
ASL-CBE-XX	-	280 Lm	-	-	Central-Eco
ASL-CBDALI-XX	-	280 Lm	-	-	Central - DALI2

Escape Route Lighting



Antipanic (Open Area) Lighting

