

Cosmolite-R



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Emergency Luminaires
Surface Mount

General Specifications

Application	Anti-Panic Lighting, Escape Route lighting Hazardous Area Lighting
Mounting	Recessed mount
Type	Manual Test, Self Test, DALI2, Central
Operating Mode	Selectable maintained/ non-maintained
Emergency Duration	Selectable 1/3 hours
Light Source	Single power led, 5000-6500K, CRI>80
Lumen Output	Up to 250 Lumen
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	IP40
Impact Protection Rating	IK03
Temperature	ta 0 / +40°C
Terminals	Up to 2x2,5mm ² quick fit terminal block
Cable Entry	Front side
Enclosure	White polycarbonate housing (Black is available)

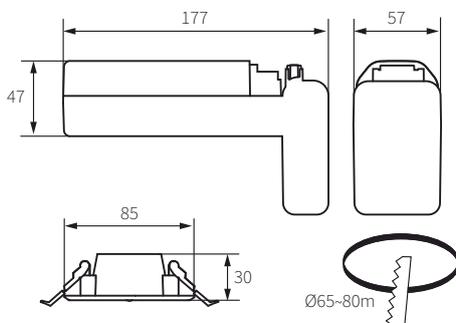
Li-FePO4 Batteries & Management

- 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 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 (With Escape Route Lighting Lens)

Code	Lumen Output		Li-FePO4 Battery	Type
	1H	3H		
CSLR16-E-ER	250 Lumen	140 Lumen	3.2V -1.6Ah	Manual Test
CSLR32-E-ER	-	250 Lumen	3.2V -3.2Ah	
CSLR16-AT-ER	250 Lumen	140 Lumen	3.2V -1.6Ah	Auto Test
CSLR32-AT-ER	-	250 Lumen	3.2V -3.2Ah	
CSLR16-DALI-ER	250 Lumen	140 Lumen	3.2V -1.6Ah	DALI-2
CSLR32-DALI-ER	-	250 Lumen	3.2V -3.2Ah	
CSLR-CBE-ER	250 Lumen		NA	Central-Eco
CSLR-CBDALI-ER	250 Lumen			Central-DALI

Ordering Details (With Antipanic/Open Area Lighting Lens)

Code	Lumen Output		Li-FePO4 Battery	Type
	1H	3H		
CSLR16-E-AP	250 Lumen	140 Lumen	3.2V -1.6Ah	Manual Test
CSLR32-E-AP	-	250 Lumen	3.2V -3.2Ah	
CSLR16-AT-AP	250 Lumen	140 Lumen	3.2V -1.6Ah	Auto Test
CSLR32-AT-AP	-	250 Lumen	3.2V -3.2Ah	
CSLR16-DALI-AP	250 Lumen	140 Lumen	3.2V -1.6Ah	DALI-2
CSLR32-DALI-AP	-	250 Lumen	3.2V -3.2Ah	
CSLR-CBE-AP	250 Lumen		NA	Central-Eco
CSLR-CBDALI-AP	250 Lumen			Central-DALI

Accessories

Code	Description
CSL-AP	Antipanic Type Lens
CSL-ER	Escape Route Type Lens
CSL-HA	Hazardous Area Type Lens