Cosmolite-S

Cosmolite-S

Emergency Luminaires
Surface Mount

General Specifications

Application	Anti-Panic Lighting, Escape Route lighting
	Hazardous Area Lighting
Mounting	Surface mount
Type	Manual Test, Self Test, DALI2, Wireless, 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

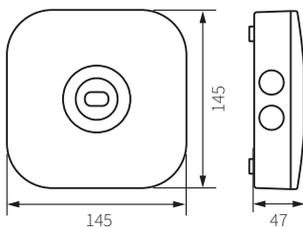|	
Supply Voltage	220-240 Volt, 0/50-60 Hz
Battery	3.2 Volt Li-FePO4
Charger	Smart charger circuit
Charge Indicator	Green LED lamp
Fault Indicator	Red LED lamp
Insulation Class	Class II
Protection Class	IP40
Impact Protection Rating	IK03
Temperature	ta 0 / +40℃
Terminals	Up to 2x2,5mm² quick fit terminal block
Cable Entry	Back & 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 (Aplication)
• According to EN 50172 (Aplication)
• According to EN 62034 (Auto Test)
• According to EN 62386 (DALI)

Dimensions (mm)

145
145
47

Ordering Details (With Escape Route Lighting Lens)

Code	Lumen Output		Li-FePO4 Battery	Type
	1H	3H		
CSLS16-E-ER	250 Lumen	140 Lumen	3.2V -1.6Ah	Manual Test
CSLS32-E-ER	-	250 Lumen	3.2V -3.2Ah	
CSLS16-AT-ER	250 Lumen	140 Lumen	3.2V -1.6Ah	Auto Test
CSLS32-AT-ER	-	250 Lumen	3.2V -3.2Ah	
CSLS16-DALI-ER	250 Lumen	140 Lumen	3.2V -1.6Ah	DALI-2
CSLS32-DALI-ER	-	250 Lumen	3.2V -3.2Ah	
CSLS16-LUM-ER	250 Lumen	140 Lumen	3.2V -1.6Ah	Wireless
CSLS-CBE-ER	250 Lumen		NA	Central-Eco
CSLS-CBDALI-ER	250 Lumen			Central-DALI

Ordering Details (With Antipanic/Open Area Lighting Lens)

Code	Lumen Output		Li-FePO4 Battery	Type
	1H	3H		
CSLS16-E-AP	250 Lumen	140 Lumen	3.2V -1.6Ah	Manual Test
CSLS32-E-AP	-	250 Lumen	3.2V -3.2Ah	
CSLS16-AT-AP	250 Lumen	140 Lumen	3.2V -1.6Ah	Auto Test
CSLS32-AT-AP	-	250 Lumen	3.2V -3.2Ah	
CSLS16-DALI-AP	250 Lumen	140 Lumen	3.2V -1.6Ah	DALI-2
CSLS32-DALI-AP	-	250 Lumen	3.2V -3.2Ah	
CSLS16-LUM-AP	250 Lumen	140 Lumen	3.2V -1.6Ah	Wireless
CSLS-CBE-AP	250 Lumen		NA	Central-Eco
CSLS-CBDALI-AP	250 Lumen			Central-DALI

Accessorries

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

Our policy is one of continued development and improvement, we reserve the right to alter design and specifications or delete products without prior notice.

EEC ELECTRONICS