

Novalite



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Emergency Luminaires
Surface Mounted

General Specifications

Application	Anti-Panic Lighting, Escape Route lighting, Hazardous Area Lighting
Mounting	Direct mounting to wall & ceiling
Version	Manual Test, Auto Test, DALI, Central
Mode	Selectable maintained/non-maintained
Emergency Duration	1/3 hours
Light Source	72, 144, 180 mid power LED module, 4000K, CRI>80
Battery	Li-FePO4
Wiring	Up to 2x2,5 mm ² quick fit terminal block
Warranty	5 years (battery 3 years)



Technical Specifications

Supply Voltage	Li-FePO4: 220-240 Volt, 0/50-60 Hz, 0,03A Ni-Cd/ Ni-MH: 230 Volt, 50-60 Hz, 0,05A
Battery	Li-FePO4: 3.2 Volt
Charger	Smart charger circuit
Charge Indicator	Green LED lamp
Fault Indicator	Red LED lamp
Insulation	Class II
Protection	IP40
Impact protection	IK08
Temperature	Li-FePO4: ta 0 /+45°C
Terminals	Up to 2x2,5mm ² quick fit terminal
Cable Entry	Side and upper sides
Enclosure	Polycarbonate

Ordering Details

Type	Size	Led Module	Mode	Duration	Mains Power	Mains Lumen	Emergency lumen (1H/3H)	Emergency lumen (1H/3H)
NVL-S	Small	72 pcs Mid Power LED	Central	-	14W	1650 Lm	-	-
NVL-S16E			Mains & Emergency	1H /3H	16W		250/ 100 Lm	3.2V-1.6Ah
NVL-S32E							500/200 Lm	3.2V-3.2Ah
NVL-S48E							750/300 Lm	3.2V-4.8Ah
NVL-SDALI							Mains & DALI Emergency	3H
NVL-M	Medium	144 pcs Mid Power LED	Central	-	28W	3400 Lm	-	-
NVL-M16E			Mains & Emergency	1H /3H	32W		250/ 100 Lm	3.2V-1.6Ah
NVL-M32E							500/200 Lm	3.2V-3.2Ah
NVL-M48E							750/300 Lm	3.2V-4.8Ah
NVL-MDALI							Mains & DALI Emergency	3H
NVL-L	Large	180 pcs Mid Power LED	Central	-	35W	4300 Lm	-	-
NVL-L16E			Mains & Emergency	1H /3H 1H /3H	40W		250/ 100 Lm	3.2V-1.6Ah
NVL-L32E							500/200 Lm	3.2V-3.2Ah
NVL-L48E							750/300 Lm	3.2V-4.8Ah
NVL-LDALI							Mains & DALI Emergency	3H

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

Dimensions (mm)

