

Novalite



# Novalite

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 <sup>2</sup> quick fit terminal block
Warranty	5 years



## Technical Specifications

Supply Voltage	220-240 Volt, 0/50-60 Hz
Battery	Li-FePO4
Charger	Smart charger circuit
Charge Indicator	Green LED lamp
Fault Indicator	Red LED lamp
Insulation	Class II
Protection	IP40
Impact protection	IK07
Temperature	ta 0 /+45°C
Terminals	Up to 2x2,5mm <sup>2</sup> 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

- 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.

## Dimensions (mm)

