



**NORDLAND
LIGHTING®**



MiniLite EM



Management System
ISO 9001:2015
www.nord.com
ID: 818609723



OVERVIEW

The Minilite EM 1 and EM8 range (Maintained or Non maintained) Emergency LED luminaires are designed to provide a minimum of either 1 hour or 8 hour emergency lighting during prolonged power outages.

While used primarily for haulage areas the Minilite EM can be utilized in both underground and surface applications. Manufactured in polycarbonate with a UV stabilized smooth clear polycarbonate lens, this IP65/IK08 luminaire is robust enough to withstand the harshest conditions. The Minilite LED luminaire incorporates several unique features:-

- The Minilite EM is designed to not only light up the haulage area for the safety of personnel but also directs

light upward to assist with inspection of cables and infrastructure above the mounting.

- The Minilite EM can be supplied individually with a power connection or pre-mounted /prewired, according to a customers desired

- The Minilite EM can be supplied individually with a power connection or pre-mounted /prewired, according to a customers desired lighting design, cable type and cable lengths thus simplifying the rollout of lighting in shafts and reducing the installation time and cost significantly.

- Replacement of luminaires is done by simply sliding the luminaire onto the mounting and has an added safety feature that only when slid into

position will it engage the power supply. Hence the installation can be done by unskilled workers without tools.

- Due to a risk of theft the Minilite EM incorporates a pairing option whereby once removed from the mounting it cannot be used without effectively destroying the fitting.

In addition to the standard mounting type, an E27 version of the Minilite EM can be supplied to replace EMS lamp fittings. This feature provides the opportunity of rolling our effective lighting without replacing cable or power connections. Installation can be done with unskilled labour.

APPLICATIONS



INDOOR AREAS



OUTDOOR AREAS



SPORTS FACILITIES



INDUSTRIAL ENVIRONMENTS



MINING AND SURFACE AREAS



OIL AND GAS



WASHBAYS

HAULAGE • CONVEYOR • MINING

PERFORMANCE

Model Name	MiniLite EM1	MiniLite EM8
Wattages	14W	14W
Nominal Lumens	2030lm	2030lm
System Lumens	1638	1638
System efficacy lm/W	117lm/W	117lm/W
Operating time full charge	N/A	N/A
Emergency Operation	6W @ 1hr 720lm	6W @ 8hr 720lm
Emergency Maintained / Non-Maintained version available		

LED AND OPTICS

Optics	210 deg standard
Expected lifetime	>50000
L70 rating	>50000 @ 25°C
Colour Rendering Index RA	>80
Colour Temperature	6000K

ELECTRICAL AND OPERATING

Driver	LED Constant Current
Operating temperature	-20°C to +40°C
Input voltage/Frequency	230 VAC \pm 10% 220VAC
Input Current	0,067 @14W 220VAC
Power Factor	0.92

PRODUCT MATERIALS AND INSTALLATION

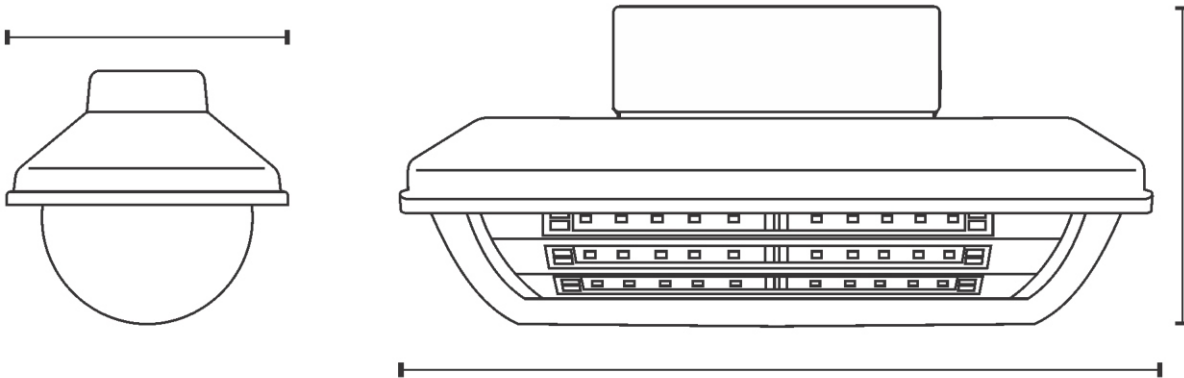
Housing	Polycarbonate UV stabilized
Lens	Polycarbonate UV stabilized
Lens Colour options	Clear - Other colour options on request
Gasket	Rubber Silicone cemented into groove
Finish	Dark Grey
Ingress Protection	IP65
IK Rating	IK08

CERTIFICATIONS. STANDARDS

NON EX

Complies to SANS 60598-1

Complies to SANS 1464-22 (EM VERSION)

DIMENSIONS**DIMENSIONS AND PACKAGING**

Model	MiniLite
Wattage	14W
Dimensions mm (LxWxH)	230x190x78mm
Weight Kg (Unit / packaged)	1,3kg / 1,5kg

ACCESSORIES

Anti Theft Device

MOUNTING OPTIONS

Cable connection via power box

PHOTOMETRIC PERFORMANCE:

As photometric data and IES files differ according to the selected optics and wattages, these are available on request

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Nordland reserves the right to change any specification or design without prior notice.