



TECHNICAL
INSTALLATION
MOPANE EMERGENCY

APPROVAL

	NAME	SIGNATURE	POSITION	DATE
PREPARED BY:				
REVIEWERD BY:				
APPROVED BY:				

1.1. TECHNICAL INFORMATION

1.1.1. Power data

RATED POWER	30 – 90W
INPUT VOLTAGE RANGE	194 – 265 VAC 50/60Hz
INPUT TYPE (AC/DC)	AC – Alternating current
CONNECTED POWER	30 – 87W
POWER FACTOR	>0.9

1.1.2. LED data

LED BARND	CREE®, Luxeon® or Osram®
CCT	3000 – 5000 Kelvin
CRI	≥80
LED RATED LIFE TIME	80 000 hours

1.1.3. Luminaire data

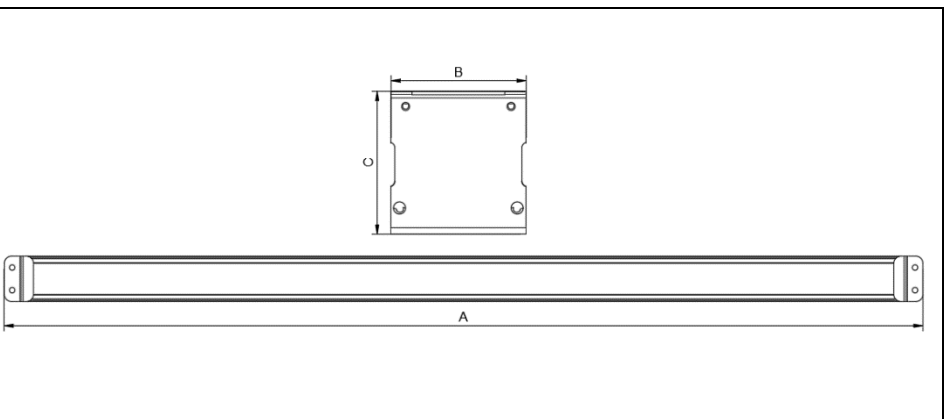
IP RATING	IP65
BEAM ANGLES	120°
DIMMABILITY	Optional
MOUNTING POSITION	Universal

1.1.4. Emergency data

Battery type	LiFePO4
Operating period	1 or 3 hours
Power	2 – 4W
Lumens in emergency operation	250lm

1.1.5. Luminaire physical characteristics

Product description Wattage and sizes			
	30W	60W	90W
A (mm)	540	940	1240
B (mm)	50	50	50
C (mm)	52	52	52
Weight (kg)	0.9	1.65	2.5



1.2. INSTALLATION INSTRUCTION

1.2.1. Part number break down.

Part no. example. DR-LP30-EME-3-N-C

LUMINAIRE DESCRIPTION	WATTAGE	EME	TIME	CCT-COLOUR TEMPERATURE	LED BRAND
DR-MP Mopane - Mid profile	30w 60w 90w	Emergency	1 hour 3 hours	W – 3000K – warm white N – 4000K – Neutral white C – 5000K – Cool white	C – Cree LED® L – Luxeon LED® O – Osram LED®

1.2.2. Diagrams/drawings

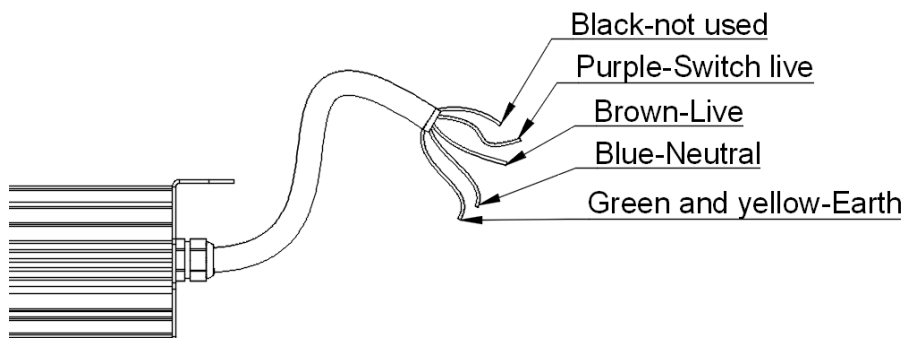


Figure 1 Mopane side entry

1.2.3. Installation instructions

The Installation must be carried out by a Qualified Electrician in compliance with the local code of practice.

Tools required:

Dependent on fasteners that will be used the tools may vary.

- Step 1. To install Mopane mid-profile luminaire special attention needs to be given to the mounting holes on both ends of the luminaire. The length and width of the luminaire also plays a role as where to fit the luminaire.
- Step 2. To connect to the mains 220VAC confirm main power is switched off.

- Step 3.** Mopane Mid-profile Lights require mains Voltage of between 194 to 265VAC 50 Hz. Powering these lights by connecting the mains cable can be to put on a 3-pin plug, or with a connector block (Chock Block), or quick connector. Connect the corresponding wires, Purple (SW), Brown (L), Blue (N), and Yellow/Green (E). Always read the Label on the Light Body to make sure the Voltage is correct. When powering the light, the light should come on immediately.