



TECHNICAL
INSTALLATION
KREMETART

APPROVAL

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

1.1. TECHNICAL INFORMATION

1.1.1. Power data

RATED POWER	100 - 600W
INPUT VOLTAGE RANGE	110 - 277 VAC 50/60Hz
INPUT TYPE (AC/DC)	AC - Alternating current
CONNECTED POWER	95 - 620W
POWER FACTOR	>0.95

1.1.2. LED data

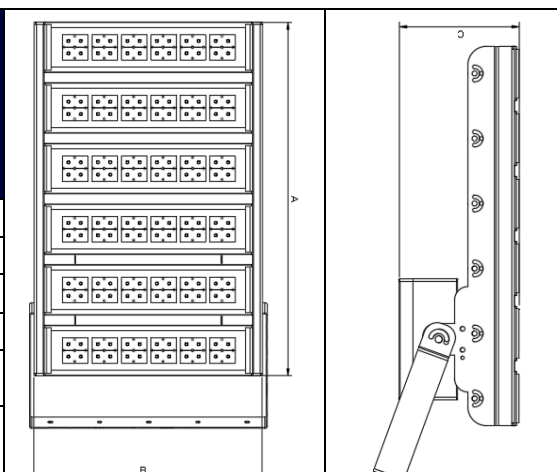
LED BARND	CREE®, Luxeon® or Osram®
CCT	3000 - 5000 Kelvin
CRI	≥80
LED RATED LIFETIME	80 000 hours

1.1.3. Luminaire data

IP RATING	IP65
BEAM ANGLES	155° X 85° or 60° or 30° or 120°
DIMMABILITY	Optional
MOUNTING POSITION	Universal
MOUNTING HIGHT	4 - 40M

1.1.4. Luminaire physical characteristics

KREMETART						
	100W	200W	300W	400W	500W	600W
A (mm)	130	220	350	525	650	720
B (mm)	480	480	480	480	480	480
C (mm)	220	220	220	220	220	220
Weight (kg)	6	8	10.5	16	18	20.5
MAX projected Area (m ²)	0.09	0.153	0.244	0.365	0.452	0.5



1.2. INSTALLATION INSTRUCTION

1.2.1. Part number break down.

Part no. example. DR-HM-300-C-M-3

LUMINAIRE DESCRIPTION	WATTAGE	CCT-COLOUR TEMPERATURE	LENS	MOUNTING TYPE	NUMBER OF BANKS
DR-HM - High Mast	100W 200W 300W	W - 3000K - warm white	S - 155° X 85°	U - U-bracket	1 - 6
DR-HB - High Bay	400W 500W 600W	N - 4000K - Neutral white	W - 60°		
		C - 5000K - Cool white	M - 30°		

1.2.2. Diagrams/drawings

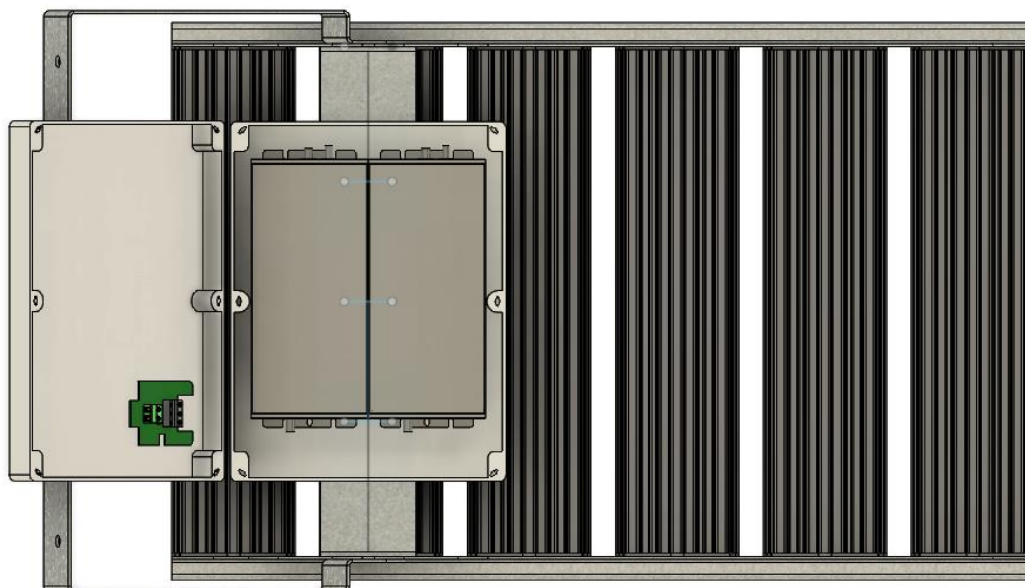


Figure 1 Back of high mast luminaire

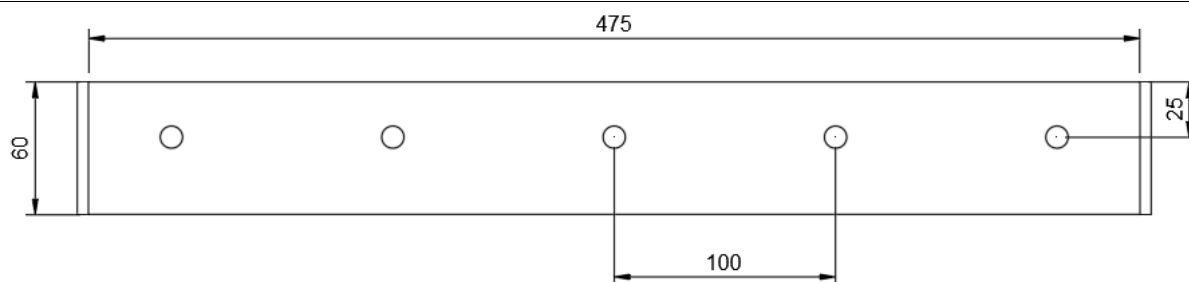


Figure 2 U-Bracket mounting holes

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:

Flathead screwdriver 5.5mm (to open connection box)

17mm spanner (to adjust U-Bracket)

13mm spanner (to adjust light banks)

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

- Step 1. To install the Kremetart high mast/high bay luminaire special attention needs to be given to the mounting holes on the U bracket for alignment.
- Use correct size (calculated on height and weight) Bolts/Rawl bolts to correspond with your mounting surface.
- Once u bracket adjusted to required angle fasten U-bracket bolts. (M10 – 55N.m)
- Adjust light bank to required angle and fasten light bank bolts. (M8 bolt – 25N.m)
- Step 2. To connect to the mains power supply, confirm that it is switched off.
- Step 3. Kremetart high mast/high bay luminaires require mains Voltage of between 110 to 277VAC 50/60Hz. Connect the mains cable to the Protection unit via the 20mm Cable Gland. Always use round cable and not Flex or flat cables for sealing purposes with the Cable Gland. Open the Protection unit by unscrewing the 6 screws that keep the lid closed. Connect the corresponding wires, Brown (L), Blue (N), and Yellow/Green (E) on to the connector block on. Always read the label on the driver enclosure to make sure the Voltage is correct. When powering the light, the light should come on immediately, without any strike delay.