AFRISON

TECHNICAL INSTALLATION CEDERBERG

APPROVAL

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

1.1. TECHNICAL INFORMATION

1.1.1. Power data

RATED POWER	12 – 24W
INPUT VOLTAGE RANGE	100 – 265 VAC 50/60Hz or 12 – 24 VDC
INPUT TYPE (AC/DC)	AC – Alternating current or DC – Direct current
CONNECTED POWER	12 – 24W
POWER FACTOR	>0.9

1.1.2. LED data

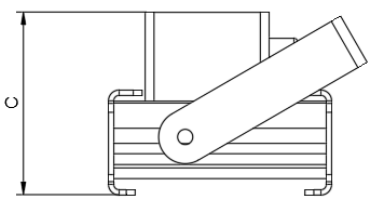
LED BARND	Osram®
CCT	N/A
LIGHT SPECTRAM	850nm or 940nm
CRI	N/A
LED RATED LIFE TIME	15 000 hours

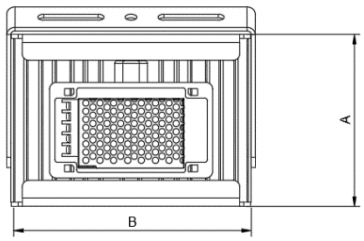
1.1.3. Luminaire data

IP RATING	IP65
BEAM ANGLES	155° X 85° or 60° or 30°
DIMMABILITY	Optional
MOUNTING POSITION	Universal
MOUNTING HIGHT	2 – 6m

1.1.4. Luminaire physical characteristics

CEDERBERG		
	12W	**24W**
A (mm)	130	120
B (mm)	75	175
C (mm)	110	100
Weight (kg)	0.5	1.6
MAX projected Area (m	0.02	0.033





1.2. INSTALLATION INSTRUCTION

1.2.1. Eye safety information

Infra-red variants – 850nm and 940nm

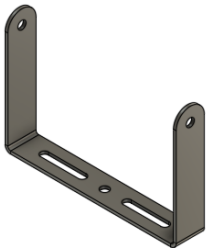
Caution – IR emitted from this product. IEC 62471 Risk Group 2 Classification. Do not stare at the lamp. Avoid exposure or use appropriate shielding / eye protection.

1.2.2. Part number break down.

Part no. example. FL-24-S6-S-220-IR

LUMINAIRE DESCRIPTION	WATTAGE	SERIES	LENS	VOLTAGE	IR
FL – Flood light	12W 24W	S6 – SERIES 6	S - 155° X 85° M - 30° W - 60°	12 – 12-24VDC 220 – 100-265VAC	IR – Infra-red

1.2.3. Diagrams/drawings



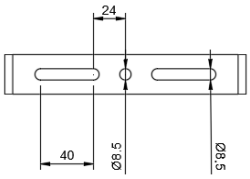


Figure 1 U-Bracket mounting holes.

1.2.4. 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)
13mm spanner (to adjust U-Bracket)
Dependent on fasteners that will be used the tools may vary.

Step 1. To install Flood Lights special attention needs to be given to the mounting holes on the U bracket for alignment.
Use correct size (calculated on hight and weight) Bolts/Rawl bolts to correspond with your mounting surface.
Once u bracket adjusted to required angle fasten u bracket bolts. (M8 – 25N.m)

Step 2. To connect to the mains 220VAC confirm main power is switched off.

Step 3. Flood Lights require mains Voltage of between 100 to 265VAC 50/60 Hz. Connect the mains cable to the power supply via the 20mm Cable Gland. Always use round cable and not Flex or flat cables for sealing purposes with the Cable Gland. Open the power supply unit by unscrewing the 4 screws that keep the lid closed. Connect the corresponding wires, Brown (L), Blue (N), and Yellow/Green (E) in the connector on the power supply. Always read the label on the power supply to make sure the Voltage is correct. When powering the light, the light should come on immediately.

Step 4. To connect to the mains 12-24VDC confirm power is switched off.

Step 5. Flood Lights require mains Voltage of between 12 to 24VDC 50/60. Connect the power cable to the connector block via the 20mm Cable Gland. Always use round cable and not Flex or flat cables for sealing purposes with the Cable Gland. Open the connection unit by unscrewing the 4 screws that keep the lid closed. Connect the corresponding wires, Red (DC +), Black (DC-). Always read the label on the connection unit to make sure the Voltage is correct. When powering the light, the light should come on immediately.