

PRODUCT SPECIFICATION

Finish:	Black Polyester Textured Powder Coat
Materials:	Body/Spine Assembly - Extruded aluminium. Endcaps - Die Cast Aluminium. Diffuser Optic - Opal Polycarbonate.
Control Gear:	Fixed output or Dali as specified.
Emergency:	3 hr integral or COMECS emergency pack as specified.
Lamp Type:	LED 4000°K
Supplier:	220-240V AC, 50 / 60Hz
Op. Temp:	0 – 25 °C
Conductor:	2.5mm ² max
Weight:	Refer to table.
Dimensions:	Refer to table.
IP Rating:	IP65.
IK Rating:	IK10.
Suspension:	Surface mount via pre drilled holes in rear of spine.
Connection:	Terminal block mouted on spine via 20mm dia cable entry holes on the same body or end entry via installer drilled hole in fixed endcap.
Tamperproof Screw Type:	Torx T30 for endcap and Torx T25 for gear tray.

Whitecroft
lighting

ACL Extreme



IP65 LED Luminaire Installation Instructions

PK/LEAFACLEXTREME

May 2017 - Rev A

TECHNICAL SUPPORT
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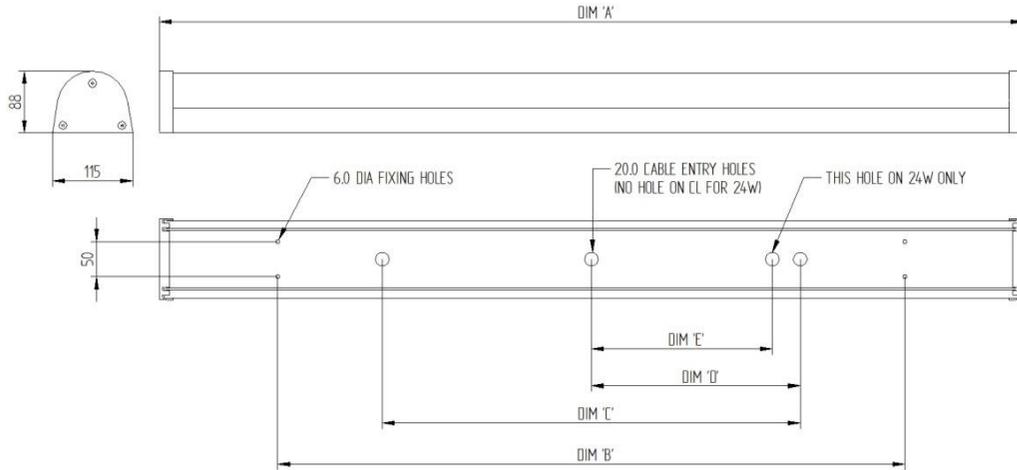
Registered Office: As above

GENERAL INFORMATION

1. A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
2. This luminaire must be EARTHED.
3. Ensure that the rated luminaire voltage and frequency requirements are compatible with the available mains supply.
4. If the luminaire incorporates high frequency electronic control gear, do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
5. Cleaning of the diffuser should be carried out using a lint free cloth and soapy water.
6. **NB** It is the responsibility of the installer to ensure that all fixing & cable entry holes are sealed in a satisfactory manner to ensure that IP integrity is maintained.
7. It is recommended that rubber seals around fixing points & polycarbonate diffuser be replaced every 6 years due to potential deterioration & ensure continued IP integrity.

If you have any further queries, please contact **WHITECROFT TECHNICAL SUPPORT**

PRODUCT DIMENSIONS (All dimensions are in 'mm')



DIMENSIONS

DIMENSION 'A'	DIMENSION 'B'	DIMENSION 'C'	DIMENSION 'D'	DIMENSION 'E'	WEIGHT - STD (KG)	WEIGHT - EM (KG)
640mm	400	N/A	180	140	3.0	N/A
1240mm	900	600	N/A	N/A	5.0	6.2
1540mm	1200	600	N/A	N/A	7.5	8.7

INSTALLATION INSTRUCTIONS

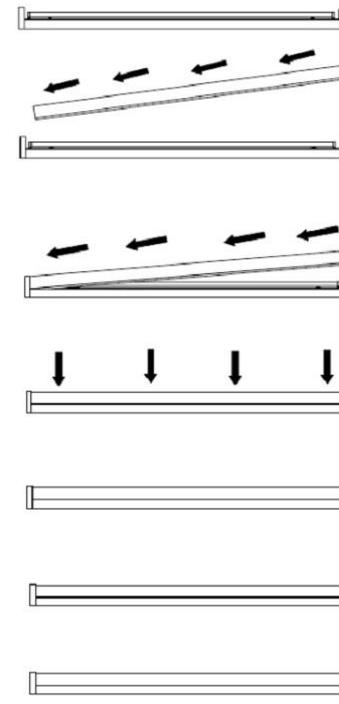
PRE INSTALLATION PREPARATION

1. Remove luminaire from the packaging and inspect the contents for damage.
2. Ensure that the supporting ceiling structure is of adequate strength to support the weight of the luminaires & all tools for installation are available.

INSTALLATION

1. Remove endcap from body by removing the 3 tamperproof screws at one end.
2. Remove the diffuser from the body making reference to the diagrams herein.
3. Remove gear tray from body by unscrewing the 4 tamperproof (Torx pin) screws on gear tray and unplug the terminal block.
4. Making reference to the product dimensions herein or using the spine as a template mark & drill suitable holes for suspension fixing points & cable entry location. If using endcap as a cable entry point it will need to be drilled out in the market location.
5. Fix the body to the ceiling using suitable fixings for the weight of the luminaire. **NB** Ensure that IP integrity is maintained using suitable rubber washers or sealant.
6. Offer the mains cable through selected cable entry point & connect to the terminal block. Fit an IP rated gland or similar to ensure IP integrity is not compromised.
7. If the luminaire is an emergency variant, connect the battery lead at this point.
8. Re-assemble the diffuser & endcap making reference to diagrams below.
9. Apply power & check for correct operation of luminaire & emergency charge LED.

FITTING THE DIFFUSER



REMOVING THE DIFFUSER

To remove the diffuser, twist, turn and pull from one corner at the open end of the body as shown below.

