

SPECIFICATION

Lamp Type:	LED
Colour:	840
Finish:	White texture / Silver texture
Materials:	
Body:	Aluminium
Geartray:	Steel
Diffusers:	Polycarbonate
Control gear:	Fixed output / Dali
Supply:	240 V 50 Hz AC
Operating Temperature:	0 - 25°C
Internal Wiring:	1.5 mm ²
Cable Entry:	From above
Terminal Block:	Piano key
Ingress Protection:	IP20
Ceiling Compatibility:	N/A



GENERAL INFORMATION

1. A qualified electrician, in accordance with IET wiring regulations should carry out connection to mains wiring.
2. Observe ESD precautions during installation.
3. This unit must be EARTHED.
4. Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
5. Cleaning of reflectors and lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid.
6. Do not carry out high voltage insulation test, i.e. 500 / 1000 V this may damage internal components.

TECHNICAL SUPPORT
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Whitecroft
lighting

AVENUE MICRO



LED SUSPENDED

Installation Instructions

JULY 2024 - 990.0280.01 Rev D



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Registered No. 3848973 England

Registered Office: As above

INSTALLATION GUIDE:



AVENUE MICRO - SUSPENDED

IMPORTANT:

The luminaire must not be covered by any debris or insulating material. Ensure there is a minimum of 50 mm airspace around the luminaire. Electrical termination must be carried out by a qualified electrician in accordance with the latest edition of IEE wiring regulations BS7671.

PLEASE RETAIN THIS GUIDE FOR FUTURE REFERENCE AND RECYCLE PACKAGING.



A **ISOLATE MAINS SUPPLY BEFORE COMMENCING INSTALLATION**

IMPORTANT: DO NOT USE POWER TOOLS TO TIGHTEN FIXINGS ON THIS PRODUCT

- Mark out positions on ceiling for suspension clutches, depending on length of fitting.
- Secure suspension cup assembly to ceiling using appropriate fixings (not included).

B

- Remove uplight diffuser.

C

- Remove downlight diffuser (1).
- Remove LED tray as shown (2).
- Unclip module plugs / earthing spade.

D

- Lift fitting(s) into position and thread suspension wires through the clutches until fitting(s) are at the desired height. Level out fitting(s) using a spirit level.

E

- For joining multiple fittings tap in four alignment pins into one end of each product and ensure alignment pins connect to each fitting.
- Attach end caps at both ends of the complete fitting and secure using M4 screws supplied (do not overtighten).

F

- Offer up ramping bracket, then insert and tighten screws until fittings are joined securely (do not overtighten).

G

- Prepare cable (1).
- Feed cable through gland and secure.
- Use tie wraps to hold mains cable to suspension wire, when applicable.

H

N - NEUTRAL
⊥ - EARTH
L - LIVE (switched)

L2 - PERMANENT LIVE*
D1 - DALI +
D2 - DALI -

- Connect mains supply to terminal block.
- For switch dim link D2 to N, connect D1 to mains supply via a push to make retractive switch.

* Permanent live only on continuous or emergency versions

I

- Use supplied mains wires to link terminal blocks at each side of the fitting.
- Cover all middle joins on the inner side of the fitting with the light leakage tape supplied.

J

- Offer up LED tray(s) and re-connect plugs and earthing spade, then push LED tray(s) into fitting ensuring clips are correctly located and secure.
- Push diffusers back into fitting until secure.
- To prevent light spill gaps on longer runs, an additional section of diffuser is supplied with the end cap kit.
- If required, it should be fitted before the final diffuser, which should be trimmed using appropriate cutting equipment before fitting.
- On refitting the gear tray the contractor needs to ensure the wiring is sat behind the gear tray.

REINSTATE MAINS SUPPLY

We reserve the right to amend any product specification without prior notice. Any alterations made to the luminaire may affect life and light output and invalidate any warranty. Luminaire complies with all safety standards set out in BS EN 60598.

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