

SPECIFICATION

The foil radiant dimensions are 2200mm nominal pan length and 900mm nominal width. Comes with acoustic material pads with a thickness of 30mm. Luminaires can be mounted individually or continuous & come complete with segregated wire ways for additional service cabling. 75% down, 25% up light distribution. Foil requires an adjustable wire suspension kit and clutch retention system for direct ceiling mounting (supplied separately). Infill panels are available in various sizes for continuous mounting.

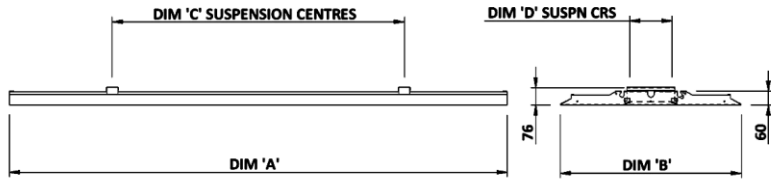
Finish: Luminaire - Silver RAL 9006 30% gloss polyester powder-coat.
 Materials: Foil Wing - 0.9mm micro perforated mild steel
 Canopy/Gear Tray - 0.7mm mild steel.
 Diffuser - Microprism

Control Gear: DALI control gear as specified

Output: LED – 3700lm (30W), 5600LM (47W)
 Operating Temp: 25 C

Supply: 220V- 240V, 50/60Hz Connection: - GST18/5 Panel Mounts
 IP Rating: IP20/IP44 (where specified)

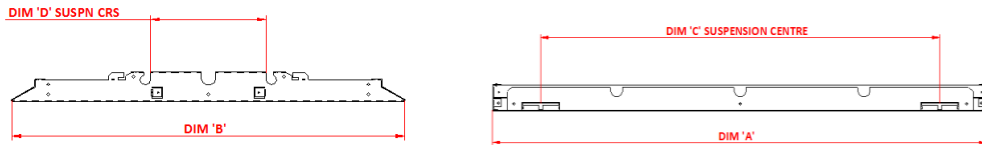
PRODUCT DIMENSIONS (All dimensions are in 'mm'.)



TYPE	DIM A	DIM B	DIM C	DIM D	STD WEIGHT	EM WEIGHT
3700lm	2200	900	1250	450	34.8kg	35.8kg
5600lm	2200	900	1250	450	34.8kg	35.8kg

Note weights include acoustic padding and water

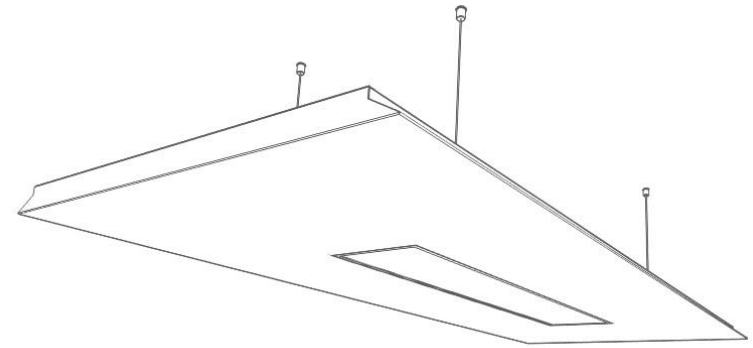
INFILL DIMENSIONS (All dimensions are in 'mm'.)



TYPE	DIM A	DIM B	DIM C	DIM D
400mm	400mm	900mm	200mm	450mm
800mm	800mm	900mm	400mm	450mm
1200mm	1200mm	900mm	600mm	450mm



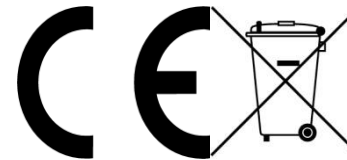
FOIL RADIANT



SUSPENDED ARCHITECTURAL RADIANT LUMINAIRE Installation Instructions

PK/LEAFLETFR

FEB 2018 - Rev B



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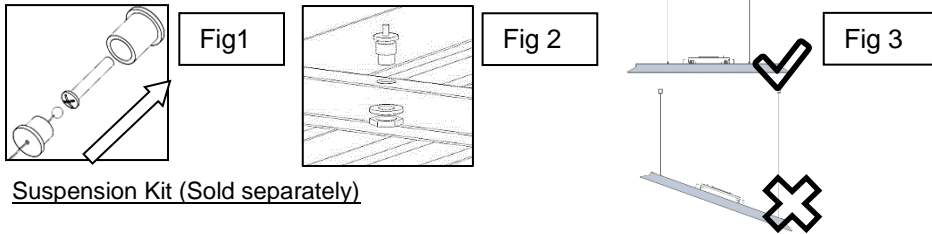
TECHNICAL SUPPORT
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GENERAL INFORMATION

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. Cleaning of the lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid.

INSTALLATION DETAILS

(Please note suspension kits and hose kits are purchased separately)



Suspension Kit (Sold separately)

1. See Dimension chart for details on hole centres.
2. Identify correct location for mounting and secure the rose to the ceiling using suitable fasteners and anchors (Fig 1)
3. Thread the wire cord through the component as shown and secure to the rose(1)
4. Secure the clutch to the 10mm hole located on the support rails of the radiant pan using the nut and washer. You may need to remove the smaller acoustic pads for access (Fig 2)
5. Offer the luminaire to the cords and thread the cord through the clutch. Slowly lift the luminaire tightening the cords as you progress. Do not use the clutch as a pulley. Due to the size and weight of the luminaire this process must be completed by at least two people. It is recommended to use a lifting platform to ensure a level installation without causing stress upon the product (Fig 3)

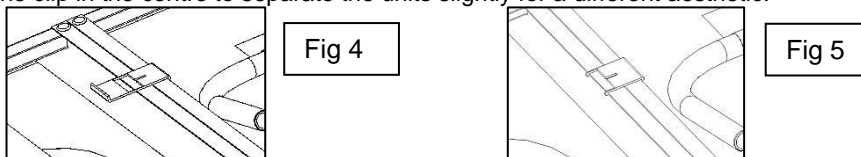
Care should be taken to ensure that the luminaires are mounted male to female, male to female to assist wiring and keeping wiring to a minimum

Continuous Mounting Clip

Each unit (pan or infill) includes two continuous mounting clips. These are to hold the units together once levelled using the suspension cords.

1. Line up the two units
2. Hook one end of the clip over the flange at the end of the pan. Fix close to the edge (Fig 4)
3. Fold the clip underneath the adjacent flange to secure (Fig 5)

The white pins included create a 'shadow line' between the units. This pin can be pressed through the clip in the centre to separate the units slightly for a different aesthetic.



Wiring

The Radiant foil is designed for through wiring. All connections to the mains and to other luminaires is to be made using the GST18/5 panel mount sockets using the supplied plugs. A qualified electrician will need to connect these to LSF cable. See the wiring details below. Ensure all mains supplies are isolated before continuing.



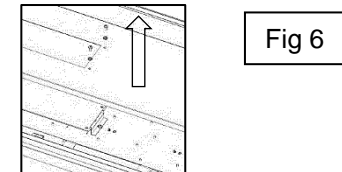
L3	N	E	L2	L1
Permanent Live	Neutral	Earth	DALI	DALI
Brown	Blue	Green/Yellow	Grey	Red

Please Note; Permanent and Switched live are linked within the luminaire. The DALI pair for the driver and inverter are linked and are not separately addressable.

Emergency Battery Access (EM/EP Variants Only)

The battery for the emergency system will arrive disconnected. Follow the process below to gain access.

1. Isolate mains supply
2. Remove the four outer screws and washers from the top cover. The centre ones can remain in place. This will give access to the battery (Fig 6)
3. Connect the positive wire to the positive spade terminal on the battery.
4. Replace top cover and secure with the washers and screws. The washers maintain an earth and must be used at all times. Ensure the wires are not trapped inside.



Ancillaries

Any ancillaries mounted to the Foil Radiant must be at least 50mm from any pipe work. If you are looping an End Hose kit around an ancillary ensure that the loop is fastened to the side rail (fixings not supplied) and that it does not touch any heatsinks or wiring.

Plumbing

Feed and return pipes by others. Pipe diameter 12mmØ.
Please refer to the Zehnder Radiant Pan Installation guide for plumbing assistance
For all technical enquiries contact –
Technical service - Radiant Heating
Telephone: 01276 408400
Email: tech_com@zehnder.co.uk