



foil X-line

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LED suspended acoustic lighting system



Optics

- Output options;
 - 5200 lumens (45W)
 - 6500 lumens (56W)
 - 8300 lumens (73W)
- 4000K colour temperature
- Micropolymer diffuser in unique twin-line configuration for optimum light uniformity and diffusion
- Approximately 80/20% down/uplight ratio
- 1800mm infills are available with uplighting element

Body

- IP20
- Fabricated steel body finished in silver or white
- Chamfered 30° body edge for a slimline appearance
- Infill panels available in 600mm, 1200mm and 1800mm lengths
- Twin adjustable wire suspension kit with 1.5m maximum drop (long drop lengths available on request)
- Suspension kit to be ordered separately
- 48mm deep acoustic absorbing materials integrated into the luminaire body
- Integral emergency options available using Florin E3 installed centrally in the luminaire body or the infill;
 - 3hr maintained
 - COMEPS
- Integral controls options available installed centrally in the luminaire body;
 - COM4 Gamma detector
 - Organic Response®
- 2 segregated cable conduits
- Subject to project size and upon request luminaire infill panels can be modified to incorporate items such as speakers, smoke detectors, fire alarms, and sprinkler heads. Please consult Whitecroft Technical Desk
- For continuous or standalone mounting
- End cap kit to be ordered separately

Order Codes

Luminaire	Fixed output	Florin E3 3 hr Em
5200 lumens (45W)	FXH1S	FXH1SF3
6500 lumens (56W)	FXH2S	FXH2SF3
8300 lumens (73W)	FXH3S	FXH3SF3

Infill with uplight

1800mm, 1875 lumens (17W)	FXINFUPH18S	FXINFUPH18SF3
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Accessories

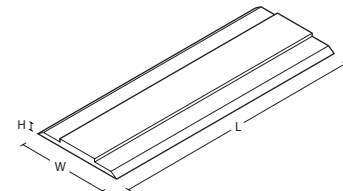
600mm infill	FXINF6S	FXINF6SF3
1200mm infill	FXINF12S	FXINF12SF3
1800mm infill	FXINF18S	FXINF18SF3
End cap kit	FXENDCS	–
Suspension kit*	FXSUSPKIT	–

Options

DALI	Replace H with Y	i.e. FXY1S
FLORIN E3 COMEPS	Add suffix FEP	i.e. FXH1SFEP
INTEGRAL COM4 GAMMA	Add Q4G after X	i.e. FXQ4GH1S
INTEGRAL ORGANIC RESPONSE®	Replace H with RGY	i.e. FXRGY1S
WHITE	Replace S with W	i.e. FXH1W

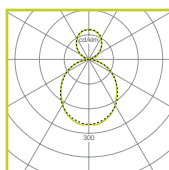
*One suspension kit required per luminaire plus one per infill 1200mm or above or if ending on an infill

Dimensions



Version	L	W	H	FC	KG	KGf3
5200 lumens (45W)	2250	800	106	1500 x 200	28.5	28.7
6500 lumens (56W)	2250	800	106	1500 x 200	28.5	28.7
8300 lumens (73W)	2250	800	106	1500 x 200	28.5	28.7
600mm infill	600	800	75	450 x 200	5.3	5.5
1200mm infill	1200	800	75	750 x 200	10.5	10.7
1800mm infill	1800	800	75	1100 x 200	16.9	17.1
1800mm infill with uplight	1800	800	106	1100 x 200	19.2	19.4

Photometric Performance



56W LED
6500 lumens
• LOR = 100%

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₇₀ (50,000hrs)	MacAdam 3 SDCM

To Specify

Suspended acoustic LED lighting system with concealed 48mm thick acoustic absorbers behind perforated side and central panels in a shallow 30° chamfered steel body. Micropolymer opal diffuser in twin-line configuration for optimum light uniformity and diffusion. 2 segregated wiring channels.