

Foil Single Optic

Acoustic suspended lighting system

Whitecroft
lighting



Louvre Optic



Infill Panel

Overview

Foil has been developed to optimised building energy performance and deliver visual integration for a pure aesthetic. Service integration reduces the build programme and ensures a clutter free working or learning environment.

Optics

- Light source options:
 - LED 3000 lumens (36W)
 - LED 3500 lumens (41W)
 - LED 4800 lumens (54W)
 - LED 5700 lumens (67W)
 - Precise pattern Hexaprism optic for all-round glare control and maximum efficiency
- Or
 - 1 x 25/28, 32/35, 45/49, 50/54W, 73/80W T5 Eco/T5
 - 2 x 45/49 T5 Eco/T5
 - Single cell louvre in semi specular zero iridescent MIRO 5 material or precise pattern Hexaprism optic for all-round glare control and maximum efficiency
- Emergency Output (BLF):
 - All variants - not available (use Florin E3)
- Light distribution: 80% down and 20% up (70:30 with Hexaprism optic). Up-light designed to give an asymmetric throw to aid vertical illuminance

Body

- 500mm or 700mm wide, 2.2m length steel body painted silver or white
- Chamfered 30° luminaire body edge for a slim line appearance
- Infill panels in 400mm, 800mm and 1200mm lengths
- Perforated side panels of luminaire and infill panels contain either 46mm or 30mm acoustic material
- Twin adjustable wire suspension kits 1.5m maximum drop
- RAL Colour: Silver RAL9006. White RAL9010
- 2 segregated cable conduits, excluding power in conduit
- 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
- High frequency and DALI dimming control gears available
- Two emergency options;
 - Integrated 3 hour Emergency (T5 product only)
 - Integrated Florin E3 Emergency (LED product only)
- The integrated Florin E3 LED head optimises emergency performance and vastly reduces the parasitic energy load. Can be specified in either standard 3 hour non-maintained emergency, Easy Test, COMECS or Central Battery

Order codes

Hexaprism 700mm Wide 30mm Acoustic Silver

	HF Gear	3hr Emergency	LL/CW
T5 1 x 28W	FSP730H128S	FSP730H128SEM	71
T5 1 x 35W	FSP730H135S	FSP730H135SEM	68
T5 1 x 49W	FSP730H149S	FSP730H149SEM	63
T5 2 x 49W	FSP730H249S	FSP730H249SEM	58
T5 1 x 54W	FSP730H154S	FSP730H154SEM	52
T5 1 x 80W	FSP730H180S	FSP730H180SEM	59

Louvre 700mm Wide 30mm Acoustic Silver

	HF Gear	3hr Emergency	LL/CW
T5 1 x 28W	FSL730H128S	FSL730H128SEM	70
T5 1 x 35W	FSL730H135S	FSL730H135SEM	72
T5 1 x 49W	FSL730H149S	FSL730H149SEM	63
T5 2 x 49W	FSL730H249S	FSL730H249SEM	62
T5 1 x 54W	FSL730H154S	FSL730H154SEM	58
T5 1 x 80W	FSL730H180S	FSL730H180SEM	60

Hexaprism LED 700mm Wide 30mm Acoustic Silver

			B50			
	HF Gear	3hr Emergency	LL/CW	L70	L80	L90
LED 3000 lumen 36W	FSAH73014KS	FSAH73014KSF3	83	>100k	>100k	65k
LED 4800 lumen 54W	FSAH73024KS	FSAH73024KSF3	89	>100k	>100k	46k
LED 3500 lumen 41W	FSAH73034KS	FSAH73034KSF3	85	>100k	>100k	46k
LED 5700 lumen 67W	FSAH73044KS	FSAH73044KSF3	85	>100k	>100k	46k

Accessories

End Cap 30mm Acoustic 500mm wide silver	FSL530ECS
End Cap 30mm Acoustic 700mm wide silver	FSL730ECS
Infill - 30mm deep, 1200mm long, 700mm wide silver	FSL730INF1200S
Infill - 30mm deep, 400mm long, 700mm wide silver	FSL730INF400S
Infill - 30mm deep, 800mm long, 700mm wide silver	FSL730INF800S
Suspension Kit *	FSLSUSKIT
* Suspension kit required for each size of luminaire and for 1200mm infills. Suspension kit only required for 400mm and 800mm infills when used at the start or end of a continuous run.	

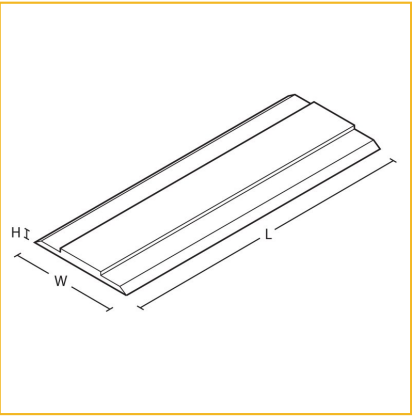
Options

500mm WIDE OPTION	Replace the 7 with 5 for rafts, infills and end caps	i.e FSP530H128S
46mm ACOUSTIC ABSORPTION MATERIAL	Replace the 30 with 46	i.e FSP746H128S
COMEPS	Add suffix /EP	i.e FSP730H128S/EP
COMMAND 4	Replace H with Q4Y	i.e FSP730Q4Y128S
DALI DIMMING	Replace H with Y	i.e FSP730Y128S
WHITE FINISH	Replace S with W	i.e FWP730H128W

LED Performance

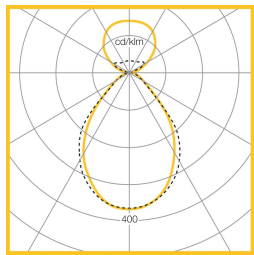
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

Dimensions



VERSION	L	W	H	KG	KG(EM)
500mm	2200	500	60	16	17
700mm	2200	700	60	19	20

Photometric Performance



LED 54W 4800
Lumens
LOR = 100.0%
SHR MAX = 1.35

To Specify

Suspended LED or T5 lighting, acoustic and integrated services with concealed thick acoustic absorbers behind perforated side panels in a shallow 30° chamfered steel body. 2 segregated wiring channels with either semi specular zero iridescent MIRO 5 material louvre or hexaprism diffuser - as Whitecroft Lighting FOIL Single Optic