

The Perfect Combination

Foil offers the perfect combination of low energy and high performance.

Employing dual layer LEDs or conventional T5 optics in single or twin configurations, Foil has both up and downlighting elements for bright, even illumination of all surfaces. Designed specifically for open soffit architecture, Foil has integral acoustic tiles eliminating the need for separate acoustic panels, and can be specified with integrated electrical, fire and even heating services to aid installation and reduce ceiling clutter.





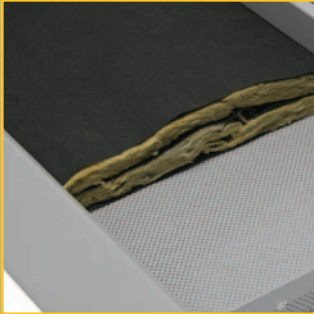
With the growing demand to reduce their carbon footprint, the design of buildings has entered a more challenging era. The overriding aim is to create the most comfortable and effective conditions possible, but with the additional emphasis on achieving environmental and economic objectives.

Current best practice in building design is to utilise the natural cooling properties of the building to deliver the lowest through-life cost. The removal of a suspended ceiling challenges the designers of building services to meet both the technical and aesthetic demands of the modern building.

Foil is a market leading lighting solution that had been developed in response to these challenges, creating a revolutionary lighting system that incorporates excellent acoustic features and allows full integration of services, including heating, sprinklers, lighting controls and audio systems. In excess of 50,000 luminaires have been supplied over the last 5 years ensuring customers maximize the benefits on offer from the natural cooling properties of their building.

foil integrated services

Integrated Acoustics



Integrated acoustic material

Foil has been designed with integrated panels filled with anechoic material to reduce reverberation times and to fully meet the most demanding requirements. Options in width and acoustic material thickness allow both technical performance and cost to be optimised.

Lighting Controls & Service Integration



Lighting controls



Integrated services

Every building is committed to reducing its carbon footprint. Lighting controls provide the best opportunity to reduce energy consumption, and Foil has been designed to incorporate integrated lighting controls.

Services previously installed behind suspended ceilings need to be concealed by other means. Foil can be pre installed with a wide range of services, including sprinkler heads, smoke detection and public address systems, reducing installation time and minimising ceiling clutter.

Heating and Acoustics



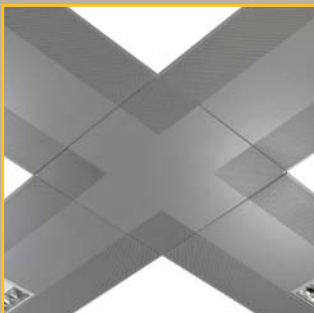
Foil radiant panel



End return

To complete the integration of services, Foil can be specified with radiant panels, adding heating to lighting and building services. This allows the architect complete flexibility in space management, with all essential services contained in a single unit.

Creative freedom



Cross connector



Mirage MX24 infill panel

A range of complimentary components have been designed to give the lighting designer more flexibility than ever when using Foil as a lighting solution. Cross, L and T connectors, feature lighting infill panels can add interest to any lighting scheme.

foil acoustic performance

The FOIL has been independently tested by SRL to accurately determine its acoustic performance.

Empty Room:

Temperature: 16.2°C

Humidity: 55%RH

Pressure: 1008 mbar

Room with Sample:

Temperature: 16.2°C

Humidity: 55%RH

Pressure: 1008 mbar

700/800mm wide Foil with 48mm layer of Compressed Fibre acoustic material

700/800mm wide Foil with 30mm layer of Compressed Fibre acoustic material

500/600mm wide Foil with 30mm layer of Compressed Fibre acoustic material

900mm wide Radiant Foil with 48mm layer of Compressed Fibre acoustic material

Freq Hz	T1 sec	T2 sec	Equivalent Sound Absorption Area, m ²
50*	4.59	3.99	0.4
63*	4.66	3.37	1.0
80*	3.94	3.59	0.3
100	6.17	5.83	0.1
125	6.75	5.40	0.4
160	6.46	4.83	0.6
200	6.94	4.94	0.7
250	7.03	4.98	0.7
315	6.87	3.61	1.6
400	5.92	3.13	1.8
500	5.26	2.58	2.4
630	5.12	2.46	2.6
800	5.33	2.39	2.8
1000	5.62	2.34	3.0
1250	5.56	2.34	3.0
1600	5.13	2.27	2.9
2000	4.55	2.15	2.9
2500	3.98	1.99	2.9
3150	3.33	1.81	2.7
4000	2.69	1.56	2.7
5000	2.17	1.34	2.6
6300*	1.59	1.07	2.4
8000*	1.21	0.86	2.3
10000*	0.91	0.66	2.6

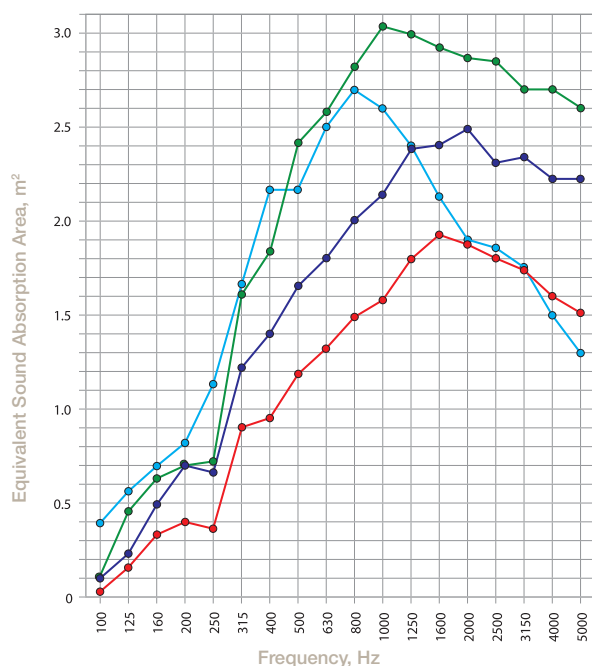
Freq Hz	T1 sec	T2 sec	Equivalent Sound Absorption Area, m ²
50*	4.59	4.16	0.3
63*	4.66	2.94	1.5
80*	3.94	3.40	0.5
100	6.17	5.86	0.1
125	6.75	5.98	0.2
160	6.46	5.11	0.5
200	6.94	4.95	0.7
250	7.03	5.09	0.7
315	6.87	4.08	1.2
400	5.92	3.53	1.4
500	5.26	3.08	1.7
630	5.12	2.92	1.8
800	5.33	2.84	2.0
1000	5.62	2.82	2.1
1250	5.56	2.64	2.4
1600	5.13	2.50	2.4
2000	4.55	2.28	2.5
2500	3.98	2.15	2.3
3150	3.33	1.88	2.3
4000	2.69	1.62	2.2
5000	2.17	1.35	2.2
6300*	1.59	1.07	2.0
8000*	1.21	0.82	2.3
10000*	0.91	0.64	2.4

Freq Hz	T1 sec	T2 sec	Equivalent Sound Absorption Area, m ²
50*	4.59	4.61	-0.0
63*	4.66	3.69	0.7
80*	3.94	3.61	0.3
100	6.17	6.05	0.0
125	6.75	6.18	0.2
160	6.46	5.48	0.3
200	6.94	5.66	0.4
250	7.03	5.82	0.4
315	6.87	4.57	0.9
400	5.92	4.07	1.0
500	5.26	3.50	1.2
630	5.12	3.31	1.3
800	5.33	2.23	1.5
1000	5.62	3.24	1.6
1250	5.56	3.02	1.8
1600	5.13	2.77	1.9
2000	4.55	2.57	1.9
2500	3.98	2.35	1.8
3150	3.33	2.06	1.7
4000	2.69	1.75	1.6
5000	2.17	1.45	1.5
6300*	1.59	1.11	1.4
8000*	1.21	0.85	1.6
10000*	0.91	0.64	2.3

Freq Hz	T1 sec	T2 sec	Equivalent Sound Absorption Area, m ²
50*	6.18	6.28	-0.0
63*	4.21	3.82	0.3
80*	5.50	5.37	0.1
100	6.68	5.55	0.4
125	7.49	5.56	0.6
160	6.90	4.96	0.7
200	7.55	5.00	0.8
250	7.97	4.59	1.1
315	7.65	3.74	1.7
400	7.08	3.14	2.2
500	5.79	2.86	2.2
630	5.38	2.56	2.5
800	5.87	2.55	2.7
1000	6.29	2.69	2.6
1250	5.97	2.75	2.4
1600	5.24	2.73	2.1
2000	4.68	2.70	1.9
2500	4.02	2.48	1.8
3150	3.15	2.15	1.7
4000	2.73	1.81	1.5
5000	1.79	1.48	1.3
6300*	1.23	1.11	0.9
8000*	0.96	0.86	1.2
10000*	0.69	0.63	1.4

* Denotes frequencies outside the range covered by BS EN ISO 354:2003
T1, empty room reverberation time. T2, room reverberation time with sample
Chamber Volume 300m³
800mm suspension height
Full independent test reports available on request

Equivalent Sound Absorption Area



- 700/800mm wide Foil with 48mm layer of Compressed Fibre acoustic material
- 700/800mm wide Foil with 30mm layer of Compressed Fibre acoustic material
- 500/600mm wide Foil with 30mm layer of Compressed Fibre acoustic material
- 900mm wide Radiant Foil with 48mm of Compressed Fibre acoustic material



Optics

- Light source options:
 - LED 4600 lumens (55W)
 - LED 7800 lumens (90W)
 - Precise pattern Hexaprism optic for all-round glare control and maximum efficiency
- Or
 - 21/28/35/39/49 or 54W T5 lamps
 - Twin cell louvre in semi specular zero iridescent MIRO 5 material, 'DUO' panels with a central 'Living Louvre', or hexaprism optic for maximum vertical illuminance
- Light distribution: 80% down and 20% up (70:30 with hexaprism optic). Up-light designed to give an asymmetric throw to aid vertical illuminance
- To optimise emergency performance we recommend the installation onsite of Florin E3

Body

- 0.6m or 0.8m wide, 2.2m long steel bodies painted silver or white
- Chamfered 30° luminaire body edge for a slimline appearance
- Infill panels available in 400mm, 800mm and 1200mm lengths
- Perforated side panels of luminaires and infill panels contain 30mm or 48mm acoustic absorbing material
- Twin adjustable wire suspension kits 1.5m maximum drop
- 3 segregated cable conduits. Central for luminaire control, outer for data or power
- 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. Radiant heating panels can also be incorporated
- Optional Command Fast Link plug and play system integration for simplified installation



Order Codes

Foil LED

800 wide 30mm Acoustics

4600 lumen 55W 4000k

7800 lumen 90W 4000k

Foil Louvre

800 wide 30mm Acoustics

T5 2 x 21W

T5 2 x 28W

T5 2 x 35W

T5 2 x 39W

T5 2 x 49W

T5 2 x 54W

Foil Hexaprism

800 wide 30mm Acoustics

T5 2 x 21W

T5 2 x 28W

T5 2 x 35W

T5 2 x 39W

T5 2 x 49W

T5 2 x 54W

Foil Duo

800 wide 30mm Acoustics

T5 2 x 21W

T5 2 x 28W

T5 2 x 35W

T5 2 x 39W

T5 2 x 49W

T5 2 x 54W

T5 1 x 49W

T5 1 x 54W

HF Gear

FLL830H221S

FLL830H228S

FLL830H235S

FLL830H239S

FLL830H249S

FLL830H254S

HF Gear

FPL830H221S

FPL830H228S

FPL830H235S

FPL830H239S

FPL830H249S

FPL830H254S

HF Gear

FDL830H221S

FDL830H228S

FDL830H235S

FDL830H239S

FDL830H249S

FDL830H254S

FDL830H149S

FDL830H154S

DALI

FPA830Y40S

FPA830Y80S

3 hr Emergency

FLL830H221SEMIN

FLL830H228SEMIN

FLL830H235SEMIN

FLL830H239SEMIN

FLL830H249SEMIN

FLL830H254SEMIN

3 hr Emergency

FPL830H221SEMIN

FPL830H228SEMIN

FPL830H235SEMIN

FPL830H239SEMIN

FPL830H249SEMIN

FPL830H254SEMIN

3 hr Emergency

FDL830H221SEMIN

FDL830H228SEMIN

FDL830H235SEMIN

FDL830H239SEMIN

FDL830H249SEMIN

FDL830H254SEMIN

FDL830H149SEMIN

FDL830H154SEMIN

Order Codes (continued)

Accessories

400mm long infill, 800mm wide

FLL830INF400S

800mm long infill, 800mm wide

FLL830INF800S

1200mm long infill, 800mm wide*

FLL830INF1200S

*1200mm requires separate suspension kit

End cap 30mm acoustic absorber, 800mm wide

FLL830ECS

End cap 48mm acoustic absorber, 800mm wide

FLL848ECS

Wire Suspension Kit for one

luminaire supplied separately Full suspension assembly

FLLSUSKIT

Bracket set for one luminaire Drop rods to be supplied by others

FLLBRAKIT

Options

600mm WIDE OPTION

Replace the 8 with **6**
for rafts, infills and end caps i.e. FLL630H221S

48mm ACOUSTIC

ABSORPTION MATERIAL Replace the 30 with **48** i.e. FLL848H221S

WHITE FINISH Replace S with **W** i.e. FLL830H221W

DALI DIMMING Replace H with **Y** i.e. FLL830Y221S

*COMMAND 4 Replace H with **Q4Y** i.e. FLL830Q4Y221S

*EASYTEST Add suffix **/ET** i.e. FLL830H221S/ET

*COMEPS Add suffix **/EP** i.e. FLL830H221S/EP

*COMET Add suffix **/CT** i.e. FLL830H221S/CT

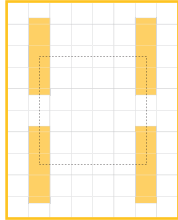
COMAND FAST LINK Add suffix **/CFL** i.e. FLL830H221S/CFL

*Not available with LED luminaire

foil twin optic

Performance Guide

Lamps	Illuminance	Spacing
2 x 54W T5	530 lux	3.0m x 3.0m



Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.8m

Lamp Performance

Wattage	IL@25°C	Lamp Life
1 x 21W T5	1920	24,000hrs
1 x 28W T5	2625	24,000hrs
1 x 35W T5	3325	24,000hrs
1 x 39W T5	3100	24,000hrs
1 x 49W T5	4375	24,000hrs
1 x 54W T5	4450	24,000hrs

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₇₀ (50,000hrs)	MacAdam 4 SDCM

Equivalent Lamp Types

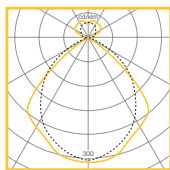
4600 Lumen Output

T5 lamp 2 x 28W

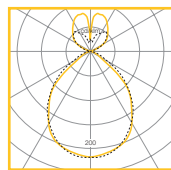
7800 Lumen Output

T5 lamp 2 x 54W

Photometric Performance



2 x 54W T5
Foil Louvre
• LOR = 77.5%
• SHR MAX = 1.65



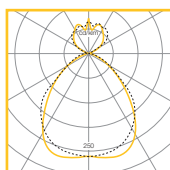
2 x 54W T5
Foil Duo
• LOR = 64.2%
• SHR MAX = 1.48

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.57	0.74	0.78

Utilisation Factors UF(F)

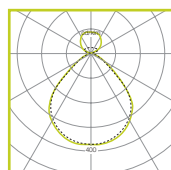
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.42	0.57	0.61



2 x 39W T5
Micro prism
• LOR = 83.4%
• SHR MAX = 1.57

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.57	0.76	0.81



55W LED
• LOR = 100%
• SHR MAX = 1.62
• 4600 lumens

Utilisation Factors UF(F)

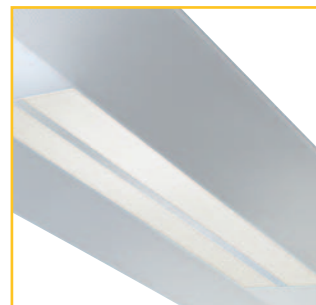
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.72	0.93	0.99



Hexaprism Optic (LED)



Louvre Optic

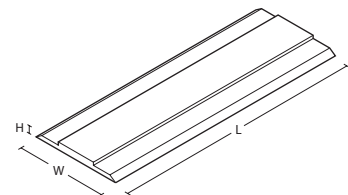


Hexaprism Optic (T5)



Duo Optic

Dimensions



Version	L	W	H	KG	KG/m
LED 4600 Lumen	2200	800 (600)	58	26.2	-
LED 7800 Lumen	2200	800 (600)	58	26.5	-
21/39W	2200	800 (600)	58	17.3	18.3
28/54W	2200	800 (600)	58	18.3	19.3
35/49W	2200	800 (600)	58	19.3	20.3

To Specify

Suspended LED or T5 lighting, acoustic and integrated services 600 or 800mm raft with concealed 30 or 48mm thick acoustic absorbers behind perforated side panels in a shallow 30° chamfered steel body. 3 segregated 28mm x 28mm wiring channels with:

- Hexaprism LED controller
– as Whitecroft Lighting FOIL LED
- MIRO 5 zero iridescent louvres
– as Whitecroft Lighting FOIL LOUVRE
- Living louvre centrally mounted in micro polymer optic
– as Whitecroft Lighting FOIL DUO
- Hexaprism Optic
– as Whitecroft Lighting FOIL HEXAPRISM

foil twin optic radiant panels

Radiant Panels

- Acoustic and heating incorporated into one raft
- One panel is dedicated to acoustic performance containing 48mm material, whilst the radiant heating element is incorporated in the opposite panel
- Minimum additional weight to the raft
- Edge detail provides a thin appearance

Order Codes

Foil Louvre Radiant Panel	HF Gear	3 hr Emergency
T5 2 x 21W	FLR948H221S	FLR948H221SEMIN
T5 2 x 28W	FLR948H228S	FLR948H228SEMIN
T5 2 x 35W	FLR948H235S	FLR948H235SEMIN
T5 2 x 39W	FLR948H239S	FLR948H239SEMIN
T5 2 x 49W	FLR948H249S	FLR948H249SEMIN
T5 2 x 54W	FLR948H254S	FLR948H254SEMIN

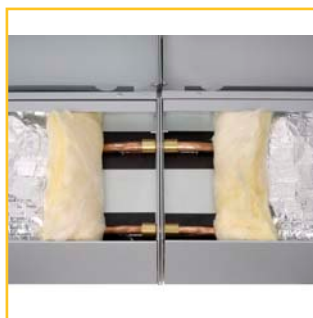
End of Row

	HF Gear	3 hr Emergency
T5 2 x 21W	FLRE948H221S	FLRE948H221SEMIN
T5 2 x 28W	FLRE948H228S	FLRE948H228SEMIN
T5 2 x 35W	FLRE948H235S	FLRE948H235SEMIN
T5 2 x 39W	FLRE948H239S	FLRE948H239SEMIN
T5 2 x 49W	FLRE948H249S	FLRE948H249SEMIN
T5 2 x 54W	FLRE948H254S	FLRE948H254SEMIN

Options

End cap 48mm acoustic absorber, 900mm wide
 MICRO PRISM OPTIC Replace L with **P**
 WHITE FINISH Replace S with **W**

FLR948ECS
 i.e. FPR948H221S
 i.e. FLR948H221W

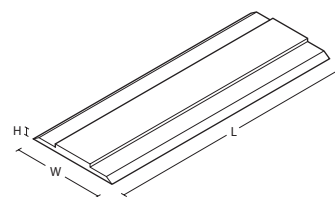


Through Connection



End Return

Dimensions



Version	L	W	H	KG	KG
21/39W	2200	900	58	27.3	28.3
28/54W	2200	900	58	28.3	29.3
35/49W	2200	900	58	29.3	30.3

foil twin optic accessories

Corner Connectors

- Corner infill connectors provide seamless integration with the Foil luminaire
- Create continuous corner mounting formations using left and right corners, tees and cross connectors
- Perforated side panels contain 30mm or 48mm acoustic material
- Not available with the radiant panel option

Order Codes

Connector

Cross Connector

FLL830XS

Tee Connector

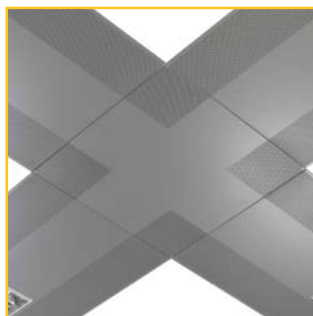
FLL830TS

Corner Connector

FLL830LS

Options

600MM WIDE OPTION	Replace the 8 with 6	i.e. FLL 6 30XS
48MM ACOUSTIC		
ABSORPTION MATERIAL	Replace the 30 with 48	i.e. FLL8 48 XS
WHITE FINISH	Replace S with W	i.e. FLL830 XW



Cross Connector

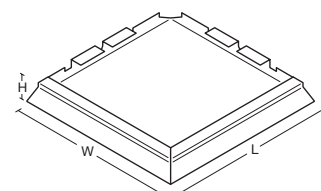


Tee Connector



Corner Connector

Dimensions



L	W	H	KG
600	600	60	4.0
800	800	60	5.5

Mirage Infill Panel

- Infills supplied with cutout apertures for integration of MX24 downlighters
- Perforated side panels containing 30mm or 48mm acoustic material
- MX24 downlight to be ordered separately



Order Codes

Mirage MX24 Infill Panel

400mm long infill, 800mm wide

FLL830INF400S/MX24

800mm long infill, 800mm wide

FLL830INF800S/MX24

1200mm long infill, 800mm wide*

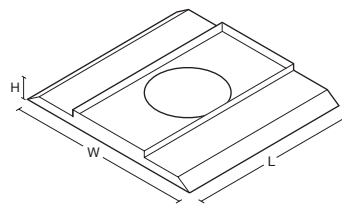
FLL830INF1200S/MX24

* 1200mm requires separate suspension kit

Options

600MM WIDE OPTION	Replace the 8 with 6	i.e. FLL 6 30INF400S/MX24
48MM ACOUSTIC		
ABSORPTION MATERIAL	Replace the 30 with 48	i.e. FLL8 48 INF400S/MX24
WHITE FINISH	Replace S with W	i.e. FLL830INF400 W /MX24

Dimensions



Version	L	W	H	KG
400	400	800 (600)	58	3.5 (2.9)
800	800	800 (600)	58	6.5 (5.5)
1200	1200	800 (600)	58	9.5 (8.0)

foil single optic

acoustic suspended lighting system



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
- 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
- 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, EasyTest, COMECS or Central Battery

Order Codes

Foil LED Hexaprism 4K

700 wide 30mm Acoustics

3000 lumen 36W

4800 lumen 54W

3500 lumen 41W

5700 lumen 67W

HF Gear

FSAH73014KS

FSAH73024KS

FSAH73034KS

FSAH73044KS

3 hr Emergency

FSAH73014KSEM

FSAH73024KSEM

FSAH73034KSEM

FSAH73044KSEM

Foil Louvre

700 wide 30mm Acoustics

T5 1 x 25/28W

T5 1 x 32/35W

T5 1 x 45/49W

T5 1 x 50/54W

T5 1 x 73/80W

T5 2 x 45/49W

HF Gear

FSL730H128S

FSL730H135S

FSL730H149S

FSL730H154S

FSL730H180S

FSL730H249S

3 hr Emergency

FSL730H128SEM

FSL730H135SEM

FSL730H149SEM

FSL730H154SEM

FSL730H180SEM

FSL730H249SEM

Foil Hexaprism

700 wide 30mm Acoustics

T5 1 x 25/28W

T5 1 x 32/35W

T5 1 x 45/49W

T5 1 x 50/54W

T5 1 x 73/80W

T5 2 x 45/49W

HF Gear

FSP730H128S

FSP730H135S

FSP730H149S

FSP730H154S

FSP730H180S

FSP730H249S

3 hr Emergency

FSP730H128SEM

FSP730H135SEM

FSP730H149SEM

FSP730H154SEM

FSP730H180SEM

FSP730H249SEM

Accessories

400mm infill

800mm infill

1200mm infill

End caps 700mm

End caps 500mm

Suspension kit

FSL730INF400S

FSL730INF800S

FSL730INF1200S

FSL730ECS

FSL530ECS

FSLSUSKIT

Options

500MM WIDE OPTION

Replace the 7 with 5

i.e. FSL530H128S

46MM ACOUSTIC

ABSORPTION MATERIAL

Replace 30 with 46

FSL746H128S

WHITE FINISH

Replace S with W

i.e. FSL730H128W

DALI DIMMING

Replace H with Y

i.e. FSL730Y128S

COMMAND 4

Replace H with Q4Y

i.e. FSL730Q4Y128S

Emergency Options

EASYTEST

Add suffix /ET

i.e. FSL730H128S/ET

COMEPS

Add suffix /EP

i.e. FSL730H128S/EP



Louvre Optic



Infill Panel

LED Performance

Colour Temp

4000K

Ra (CRI)

≥ 80

Life Expectancy

L₇₀ (50,000hrs)

Colour Consistency

MacAdam 3.5 SDCM

Equivalent Lamp Types

3000 Lumen Output

T5 lamp

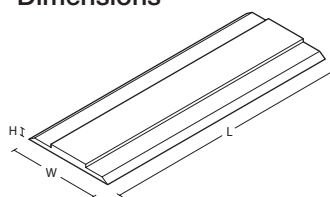
1 x 54W

4800 Lumen Output

T5 lamp

2 x 39W

Dimensions

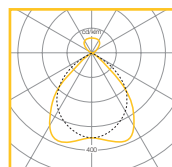


Version	L	W	H	KG	KG
500mm	2200	500	60	16	17
700mm	2200	700	60	19	20

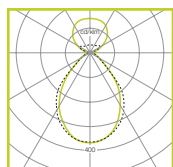
Lamp Performance

Wattage	IL@25°C	Lamp Life
1 x 25W T5 Eco	2450	24,000hrs
1 x 32W T5 Eco	3100	24,000hrs
1 x 45W T5 Eco	4100	24,000hrs
1 x 50W T5 Eco	4400	24,000hrs
1 x 73W T5 Eco	6550	24,000hrs
1 x 28W T5	2625	24,000hrs
1 x 35W T5	3325	24,000hrs
1 x 39W T5	3100	24,000hrs
1 x 49W T5	4375	24,000hrs
1 x 54W T5	4450	24,000hrs
1 x 80W T5	6550	24,000hrs

Photometric Performance



1 x 35W T5
Foil Solo
• LOR = 84.7%
• SHR MAX = 1.66



54W LED
4800 lumens
• LOR = 100%
• SHR MAX = 1.35

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00
0.70	0.50	0.20	0.66	0.83
			0.87	

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00
0.70	0.50	0.20	0.65	0.87
			0.93	

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