

# foil twin optic IP44

## major project solution

## IP44 acoustic suspended lighting system



### Optics

- Lamp options:
  - 2 x 35/49W T5
- Hexaprism optic for maximum vertical illuminance
- Light distribution: 70% down and 30% up. Up-light designed to give an asymmetric throw to aid vertical illuminance

### Body

- 800mm wide, 2.2m long steel bodies painted silver
- Chamfered 30° luminaire body edge for a slimline appearance
- Perforated side panels of luminaire contain 48mm of acoustic absorbing material
- Twin adjustable wire suspension kits with 1.5m maximum drop
- 2 segregated cable conduits.
- Only luminaire insert is IP44 once installed
- Existing infills can be utilised with product, see Foil Twin Optic
- luminaires can stand alone or be continuously mounted
- End caps to be supplied separately



### Order Codes

Foil Twin Optic IP44	Fixed Output	3 hr Emergency
T5 2 x 35W	F44H235S/SRF1	F44H235SEM/SRF1
T5 2 x 49W	F44H249S/SRF1	F44H249SEM/SRF1

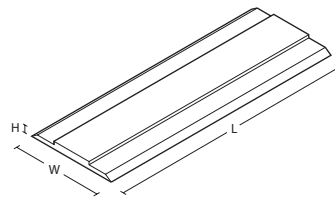
### Accessories

End cap	FLL848ECS
Wire Suspension Kit (one per luminaire)	FLLSUSKIT

### Options

DALI	Replace H with Y	i.e. F44Y235S/SRF1
COMEPS	Add EP before /SRF1	i.e. F44H235SEP/SRF1

### Dimensions

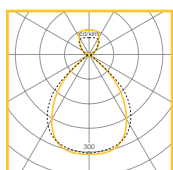


L	W	H	KG	KG
2200	800	58	20.3	21.3

### Lamp Performance

Wattage	IL@25°C	Lamp Life
1 x 35W T5	3325	24,000hrs
1 x 49W T5	4375	24,000hrs

### Photometric Performance



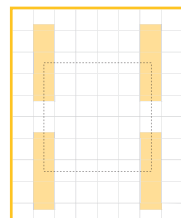
2 x 49W T5  
Hexaprism optic  
• LOR = 73.3%  
• SHR MAX = 1.43

### Utilisation Factors UF(F)

Room Reflectance	Room Index				
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.52	0.68	0.72

### Performance Guide

Lamps	Illuminance	Spacing
2 x 49W T5	570 lux	3.0m x 3.0m



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

### Major Project Solutions

This product has been designed for use in major projects and as such is subject to minimum order quantities. For more information please consult your local Sales Engineer.

### To Specify

Suspended T5 luminaire, acoustic and integrated services 800mm raft with concealed 48mm thick acoustic absorbers behind perforated side panels in a shallow 30° chamfered steel body. IP44 insert, 2 segregated wiring channels with Hexaprism Optic - as Whitecroft Lighting FOIL TWIN OPTIC IP44