

spear diffuser

IP40/IP20 recessed diffuser luminaire

> weblink > **S2FP**

Optics

- Framed flat sheet TP(a) fire resistant prismatic diffuser, positively retained by wishbone side springs
- Smooth face to room side for easy cleaning
- Lamp options:
 - 3 or 4 x 14/24W T5

Body

- Steel body finished white
- IP40 to the void with frame in place, IP20 with frame removed
- Designed as a lay in on T15 and T25 ceilings
- Ceiling brackets required for prepared aperture ceilings or tegular tiles



ORDER CODES

Spear Diffuser	HF Gear	3 hr Emergency
T5 3 x 14W	SFPH314	SFPH314EMIN
T5 4 x 14W	SFPH414	SFPH414EMIN
T5 3 x 24W	SFPH324	SFPH324EMIN
T5 4 x 24W	SFPH424	SFPH424EMIN

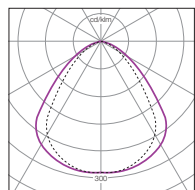
Options

DALI DIMMING	Replace H with Y in order code	i.e. SFP Y 314
DSI DIMMING	Replace H with D in order code	i.e. SFP D 314
SWITCH DIMMING	Replace H with X in order code	i.e. SFP X 314
EASYTEST	Add suffix /ET to order code	i.e. SFPH314/ ET
COMET	Add suffix /CT to order code	i.e. SFPH314/ CT
4 SLIDING BRACKETS FOR PLASTERBOARD CEILINGS AND TEGULAR TILES BCNSB		

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 14W T5	1200	24,000hrs
1 x 24W T5	1750	24,000hrs

PHOTOMETRIC PERFORMANCE



- 4 x 14W T5
- LOR = 63.6%
 - SHR MAX = 1.63

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.50	0.64	0.68



CEILING INTEGRATION

Refer to common ceiling compatibility matrix – See page 310

Exposed T Grids

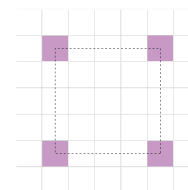
T25 Lay in
T15 Lay in
T15/T25 Pull up (Sliding brackets required)

Plasterboard

Prepared aperture (Sliding brackets required)

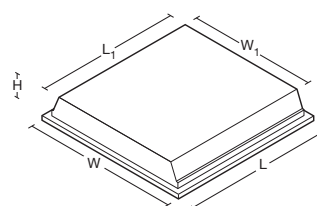
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
4 x 14W T5	490 lux	2.4m x 2.4m



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

DIMENSIONS



Version	L	W	H	L ₁	W ₁	Prepared Aperture	KG	KG
Exposed T/Plasterboard	595	595	97	575	575	576 x 576 ⁻³ ₊₃	5.0	6.0

TO SPECIFY

Rigid fully boxed and jointed T5 recessed luminaire with positively retained framed TP(a) diffuser to be suitable for mounting above or below a T15 or T25 exposed T or in prepared aperture ceilings – as Whitecroft Lighting SPEAR DIFFUSER