

spear diffuser

IP44/IP20 T5 recessed diffuser luminaire



Optics

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

Body

- Steel body finished white
- IP44 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

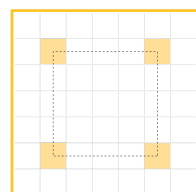
DALI DIMMING	Replace H with Y	i.e. SFPY314
SWITCH DIMMING	Replace H with X	i.e. SFPX314
EASYTEST	Add suffix /ET	i.e. SFPH314/ET
COMEPS	Add suffix /EP	i.e. SFPH314/EP
COMET	Add suffix /CT	i.e. SFPH314/CT

4 SLIDING BRACKETS FOR PLASTERBOARD CEILINGS AND TEGULAR TILES

BCNSB

Performance Guide

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

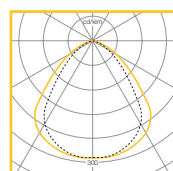


Maintenance: 0.8
 Reflectance: 70/50/20
 Ceiling Height: 2.7m
 Working Plane: 0.8m

Lamp Performance

Wattage	IL@25°C	Lamp Life
1 x 14W T5	1250	24,000hrs
1 x 24W T5	1750	24,000hrs

Photometric Performance



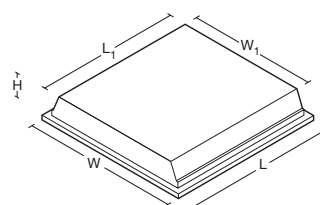
4 x 14W T5
 • LOR = 63.6%
 • SHR MAX = 1.63

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



Dimensions



Version	L	W	H	L ₁	W ₁	Prep Aperture	KG	KG
T5 Exposed T/Plasterboard	595	595	97	575	575	580 x 580 3/8"	5.0	6.0

Ceiling Integration

Refer to common ceiling compatibility matrix – See page 404

Exposed T Grids

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

Plasterboard

Prepared aperture
 (Sliding brackets required)

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 Whitcroft Lighting SPEAR DIFFUSER