

spear profile

semi-recessed
louvred luminaire

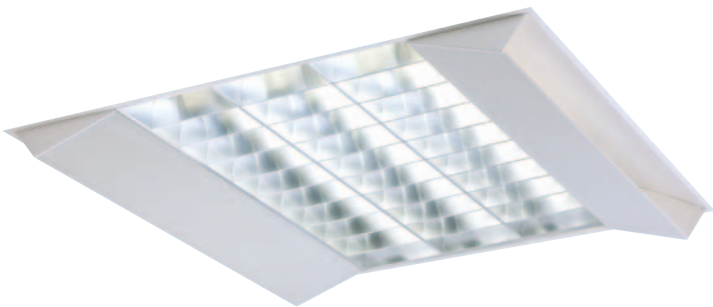


Optics

- Spring retained MIRO 5 zero iridescent semi-specular louvre mounted between perforated luminance profilers
- Lamp options:
 - 3 or 4 x 14W T5, 3 x 24W T5

Body

- Steel body finished white
- Designed to fit T15 tegular ceilings aligning with tiles and as a lay in on T25 ceilings
- Air handling 30L/sec



Order Codes

Spear Profile	HF Gear	3 hr Emergency
T5 3 x 14W	SPPH314	SPPH314EMIN
T5 4 x 14W	SPPH414	SPPH414EMIN
T5 3 x 24W	SPPH324	SPPH324EMIN

Options

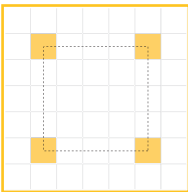
DALI DIMMING	Replace H with Y	i.e. SPPY314
SWITCH DIMMING	Replace H with X	i.e. SPPX314
COMMAND 4	Replace H with Q4Y	i.e. SPPQ4Y314
EASYTEST	Add suffix /ET	i.e. SPPH314/ET
COMEPS	Add suffix /EP	i.e. SPPH314/EP
COMET	Add suffix /CT	i.e. SPPH314/CT

Performance Guide

Lamps	Illuminance	Spacing
4 x 14W T5	530 lux	2.4m x 2.4m

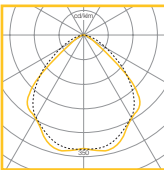
Lamp Performance

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



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

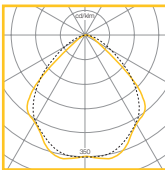
Photometric Performance



3 x 14W T5
• LOR = 74%
• SHR MAX = 1.71

Utilisation Factors UF(F)

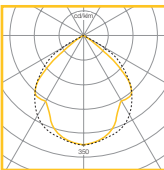
Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.60 0.76 0.80



3 x 24W T5
• LOR = 76.5%
• SHR MAX = 1.70

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.62 0.79 0.83

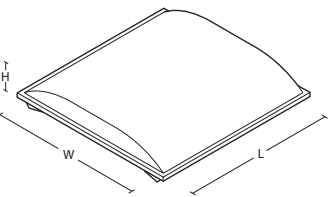


4 x 14W T5
• LOR = 68%
• SHR MAX = 1.58

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.55 0.70 0.73

Dimensions



L	W	H	KG	KG
584	584	81	7.0	8.0

Ceiling Integration

Refer to common ceiling compatibility matrix – See page 404

Exposed T Grids

T25 Lay in
T15 Tegular

To Specify

Recessed architectural T5 luminaire. Fully flanged and jointed rigid body finished white with semi-specular MIRO 5 zero iridescent louvre mounted between matrix luminance profilers projecting no more than 30mm below the ceiling line – as Whitecroft Lighting SPEAR PROFILE