

spear profile

Recessed fluorescent: T5 Architectural luminaire



APPLICATION

- Offices
- Ambient retail lighting
- School classrooms
- Hospital consulting rooms, waiting areas and offices
- Reception areas
- Conference rooms
- Corridors

SPECIFICATION

- Lamp options:
 - 3 x 14W T5
 - 3 x 24W T5
 - 4 x 14W T5
- Cat 2 spring retained MIRO 5 zero iridescent semi specular louvre mounted between perforated luminance profilers
- Designed to fit T15 tegular ceilings aligning with tiles and as a lay in on T24 ceilings
- Fully flanged rolled body with end plates tightly jointed for a rigid construction, finished White to RAL 9010
- Perforated matrix luminance profilers to deliver light to upper walls and a ceiling spill
- High frequency or analogue dimming gear as standard
- Supplied less lamps (4000K recommended)
- Air handling 30 litres per second
- Push out ceiling centralising/suspension tabs

Options

-  Easytest – integral self test version available see page 181
-  Command 3 – intelligent integrated lighting control system optional see page 197
- 3 hour integral maintained emergency

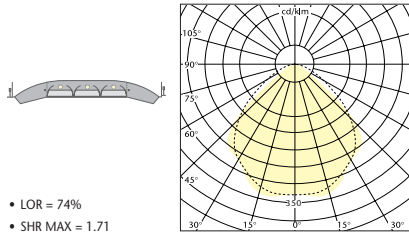
LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 14W T5	1200	20,000 –
1 x 24W T5	1750	

PHOTOMETRY

Spear Profile

3 x 14W T5 Lamps

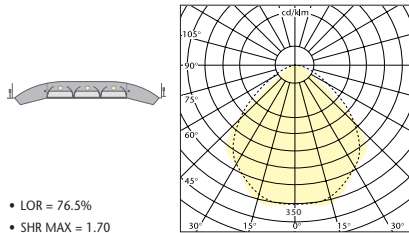


- LOR = 74%
- SHR MAX = 1.71

UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance Room Index											
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.53	0.60	0.64	0.67	0.72	0.74	0.76	0.78	0.80
0.50	0.30	0.20	0.48	0.54	0.59	0.62	0.67	0.69	0.71	0.74	0.75
0.00	0.00	0.00	0.44	0.49	0.54	0.57	0.61	0.63	0.65	0.67	0.68

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3 x 24W T5 Lamps

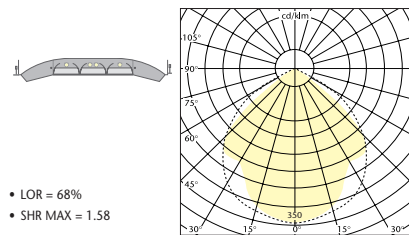


- LOR = 76.5%
- SHR MAX = 1.70

UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance Room Index											
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.55	0.62	0.67	0.70	0.74	0.77	0.79	0.81	0.83
0.50	0.30	0.20	0.50	0.56	0.61	0.65	0.69	0.72	0.74	0.76	0.78
0.00	0.00	0.00	0.46	0.51	0.56	0.59	0.63	0.65	0.67	0.69	0.70

Spear Profile

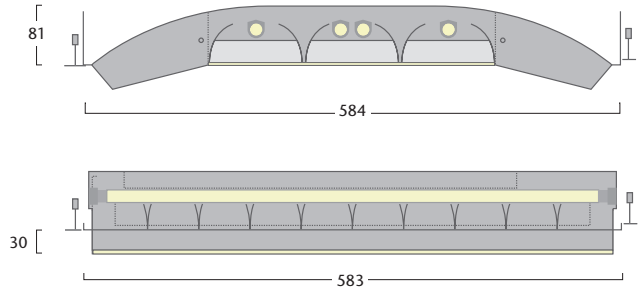
4x14W T5 Lamps



- LOR = 68%
- SHR MAX = 1.58

UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance Room Index											
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.49	0.55	0.59	0.62	0.66	0.68	0.70	0.72	0.73
0.50	0.30	0.20	0.45	0.50	0.55	0.58	0.62	0.64	0.66	0.68	0.69
0.00	0.00	0.00	0.40	0.46	0.50	0.53	0.56	0.58	0.60	0.62	0.63

DIMENSIONS



ORDER CODES – SPEAR PROFILE

T5 – RECESSED ARCHITECTURAL LUMINAIRE

SUPPLIED LESS LAMP	HIGH FREQUENCY	HIGH FREQUENCY ANALOGUE DIMMING
3 x 14W T5	SPPH314	SPPR314
4 x 14W T5	SPPH414	SPPR414
3 x 24W T5	SPPH324	SPPR324

COMMAND 3  Substitute **C** for **H** in order code above

C Intelligent integrated lighting control system, i.e. **SPPC314**

EMERGENCY Add suffix to order codes above

EMIN 3 hour integral emergency, i.e. **SPPH314EMIN**

EASYTEST OPTION Add suffix to order code above

/ET  Integral self auto-test, i.e. **SPPH314/ET**

To specify state:

Recessed architectural luminaire to suit 3/4 x 14W, or 3 x 24W T5 lamps.
Fully flanged and jointed rigid body finished White to RAL 9010 with semi specular MIRO 5 zero iridescent louvre mounted between matrix luminance profilers projecting no more than 30mm below the ceiling line. Enabling compliance with LG7:2005 at low ceiling heights – as Whitecroft Lighting SPEAR PROFILE

QuickLink

SPP

Go