

Spear 2

MOTIVATION

In recognition of the continual pressure on void depth, the Spear 2 body depth has been reduced to 61mm. Piercings for air handling are included as standard and side arm brackets for ease of installation are available as an option. Spear 2 further combines the low cost of ownership of T5 with an affordable first cost.



APPLICATION

Commercial

- Offices
- Reception areas
- Retail applications
- Corridors

SPECIFICATION

Body

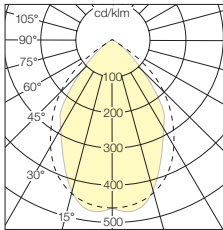
- Suitable for T15 or T25 exposed T, lay in
- To align with tegular tiles and to fit cut apertures in plasterboard the universal bracket kit must also be ordered. This is reversible to suit different ceiling types
- Body fully boxed and flanged with welded corners for high rigidity
- 0.7mm gauge steel finished white to RAL 9010 30% gloss
- Body depth 61mm.
- Installation depth for the lay in option is 150mm, tegular and plasterboard options 52mm
- Feature recessed perforated side panel option to add visual interest to the ceiling plane
- Flanged body eliminates light spill
- High frequency or high frequency regulating gear
- Fused terminal block
- 3 hour integral emergency
- LOR 0.73 with specular 3 and 4 lamp louvres. (0.68 semi specular)
- Air handling 25 litres/second as standard
- Lamps not supplied

Louvre

- Cat 2.200 Miro 4 or 2.500 Miro 6 high purity zero iridescent louvres
- Closed top wedge
- Positive louvre spring retention



Spear 2
LG3 CAT2 LUMINAIRE
3 x 14W T5

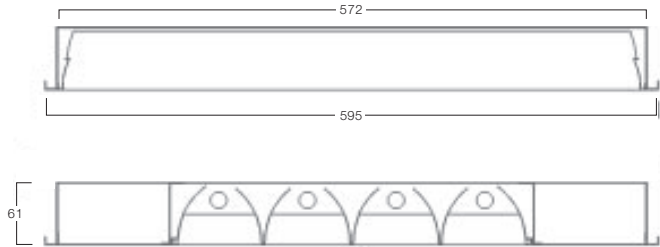


- SHR MAX = 1.42
- LOR = 0.73

UTILISATION FACTORS UF(F) SHR NOM = 1.25

Room Reflectance		Room Index									
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
0.70	0.50	0.20	0.55	0.62	0.66	0.69	0.72	0.74	0.76	0.78	0.79
0.50	0.30	0.20	0.51	0.57	0.61	0.64	0.68	0.70	0.72	0.74	0.75
0.00	0.00	0.00	0.47	0.53	0.57	0.59	0.62	0.64	0.66	0.67	0.68

DIMENSIONS



LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	TOTAL CIRCUIT WATTS	LUMENS PER CIRCUIT WATT	LAMP LIFE TO 50% FAILURE
3 x 14W T5	3600	50	72	20000
4 x 14W T5	4800	64	75	20000

- Recommended scheduled lamp replacement at 80% of rated life = 16000 hours

Spear2 Recessed and Feature Recessed

ORDER CODES

T5 RECESSED FLUORESCENT LUMINAIRE SOLUTION

RECESSED	FEATURE RECESSED	LAMP WAY	GEAR	
S2W2H314	S2FW2H314	3 x 14W	High Frequency	W2.200 Specular
S2W2H414	S2FW2H414	4 x 14W	High Frequency	
S2W2R314	S2FW2R314	3 x 14W	High Frequency Regulating	
S2W2R414	S2FW2R414	4 x 14W	High Frequency Regulating	W2.500 Semi-Specular
S2W5H314	S2FW5H314	3 x 14W	High Frequency	
S2W5H414	S2FW5H414	4 x 14W	High Frequency	
S2W5R314	S2FW5R314	3 x 14W	High Frequency Regulating	
S2W5R414	S2FW5R414	4 x 14W	High Frequency Regulating	
S2BKIT			Universal bracket kit which is required for plasterboard ceilings and for alignment with tegular tiles	

EMERGENCY Add suffix to order codes above

/EMIN – 3 hour maintained fully integral emergency for all versions, e.g. S2W2H314**EMIN**

To specify state:

Fully recessed T5 LG3 Cat 2 luminaire. Positively retained wedge louvre with full perimeter flange and full depth profiled end blade – as Whitecroft Lighting SPEAR 2.

WEIGHT

LAMP WAYS	WEIGHT KG
3/4 x 14W	4.5
Emergency	5.5

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