

Comfort *Surface and Suspended* – T5

MOTIVATION

Designed to combine the benefits of the high efficiency and low cost of ownership of T5 with excellent value for money in areas with solid ceilings requiring a suspended or a surface mounted fitting.

APPLICATION

- Schools
- Offices
- Corridors
- Reception areas
- Retail areas
- Low ceiling factories

SPECIFICATION

Body

- Lamp options
 - 1/2 x 28 and 35W T5 HE
 - 1/2 x 54 T5 HO
- Chamfered steel body (62mm deep), rigid 0.7mm slim
- White polyester powder paint finish RAL9010 20% gloss
- Injection moulded end caps to match body colour
- High frequency gear standard
- Integral emergency versions
- BESA fixing to rear
- Supplied less lamps
- Light output ratio, 80% down : 20% up (pendant version only)

Louvres

- LG3 Cat 2 (.200) louvre
- Low brightness wedge louvre
- Perimeter flange reduces light spill
- Flat top wedge louvre
- Positive retention – by end caps
- Louvre material finish: Clearlux
- Low iridescence

Diffuser

- Extruded prismatic diffuser positively retained



Comfort suspended ceiling rose



CS235HW



CS135HW



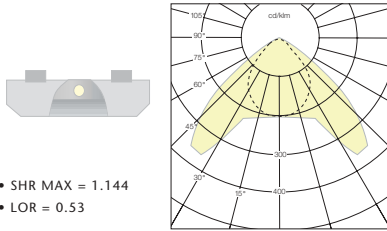
CS235HD

PROJECT LIGHTING SOLUTIONS

In addition to our standard product offer, we are able to supply a range of additional options to satisfy needs on major project applications. This luminaire is only available for large projects, please contact our sales office for details.

Comfort Surface T5

SPECULAR LG3 CAT 2.200 LOUVRE
1 x 35W T5



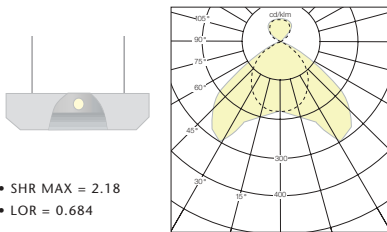
- SHR MAX = 1.144
- LOR = 0.53

UTILISATION FACTORS UF(F)										
Room Reflectance Room Index										
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00
0.70	0.50	0.20	0.34	0.40	0.44	0.47	0.50	0.53	0.54	0.56
0.50	0.30	0.20	0.30	0.36	0.40	0.43	0.47	0.49	0.50	0.53
0.00	0.00	0.00	0.26	0.32	0.36	0.39	0.42	0.44	0.46	0.48

SHR NOM = 1.00

Comfort Suspended

SPECULAR LG3 CAT 2.200 LOUVRE
1/2 x 28W T5



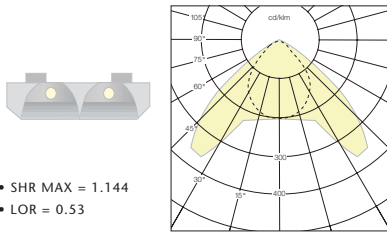
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- LOR = 0.684

UTILISATION FACTORS UF(F)										
Room Reflectance Room Index										
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00
0.70	0.50	0.20	0.37	0.45	0.50	0.53	0.58	0.61	0.63	0.65
0.50	0.30	0.20	0.30	0.38	0.43	0.46	0.51	0.54	0.56	0.58
0.00	0.00	0.00	0.23	0.30	0.34	0.37	0.40	0.43	0.44	0.46

SHR NOM = 2.00

Comfort Surface T5

SPECULAR LG3 CAT 2.200 LOUVRE
2 x 35W T5



- SHR MAX = 1.144
- LOR = 0.53

UTILISATION FACTORS UF(F)										
Room Reflectance Room Index										
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00
0.70	0.50	0.20	0.34	0.40	0.44	0.47	0.50	0.53	0.54	0.56
0.50	0.30	0.20	0.30	0.36	0.40	0.43	0.47	0.49	0.50	0.53
0.00	0.00	0.00	0.26	0.32	0.36	0.39	0.42	0.44	0.46	0.48

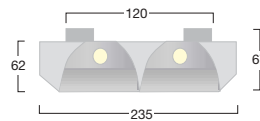
SHR NOM = 1.00

DIMENSIONS AND WEIGHT

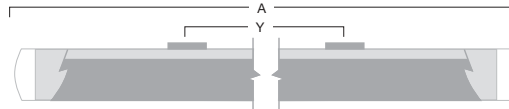
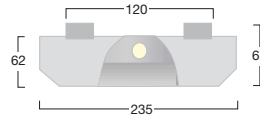
T5 PERFORMANCE FLUORESCENT LUMINAIRE

LAMP WAYS	LONGITUDINAL DIMENSIONS		WEIGHT KG
	A	Y	
1 X 28W T5 HE	1199	1040 X 120	5.2
1 X 54W T5 HO	1199	1040 X 120	5.2
1 X 35W T5 HE	1499	1340 X 120	6.3
2 X 28W T5 HE	1199	1040 X 120	5.5
2 X 54W T5 HO	1199	1040 X 120	5.5
2 X 35W T5 HE	1499	1340 X 120	6.7

Twin Lamp



Single Lamp



LINEAR FLUORESCENT T5

WATTAGE	IL@25°C
28W - HE	2600
35W - HE	3300
54W - HO	4450

CONVERSION TERMS

LAMP LENGTH	1.2m	1.2m	1.5m
LAMP WATTAGE	28	54	35
UF & PC	0.99	0.99	1.0

Comfort Surface & Suspended T5

ORDER CODES

T5 – PERFORMANCE FLUORESCENT SURFACE LUMINAIRE

LOUVRE	DIFFUSER	PENDANT, LOUVRE	SUPPLIED LESS LAMP
CS128HW	CS128HD	CP128HW	1 X 28W T5 HE
CS154HW	CS154HD	CP154HW	1 X 54W T5 HO
CS135HW	CS135HD	CP135HW	1 X 35W T5 HE
CS228HW	CS228HD	CP228HW	2 X 28W T5 HE
CS254HW	CS254HD	CP254HW	2 X 54W T5 HO
CS235HW	CS235HD	CP235HW	2 X 35W T5 HE

EMERGENCY Add suffix to order codes above

EMIN – 3 hour maintained fully integral emergency for all luminaires e.g. CS135HW**EMIN**

To specify state:

T5 surface suspended slimline rigid steel bodied Cat 2 luminaire < 67mm overall depth. Colour matched RAL9010 body and end caps. Positively retained louvre – as Whitecroft Lighting COMFORT SURFACE – T5

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