

Hygiene – T8/T5

MOTIVATION

Hygiene has been developed to provide an easy to clean, sealed solution to cope with the environments encountered in kitchens, food preparation and laboratory areas. Products for more exacting classified 'Clean Area' applications are covered within the Whitecroft Clean Area Product range.



HYGP314

APPLICATION

- Kitchens
- Food preparation areas
- Supermarket food counters
- Leisure centre changing rooms

SPECIFICATION

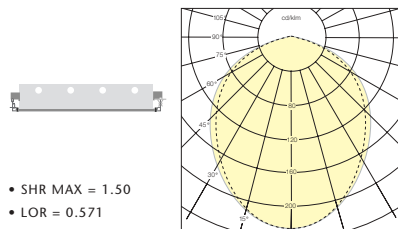
- IP54 to the void with the front frame in place but not sealed (IP20) with the front frame removed
- Supplied without lamps, available for T8 and T5 lamp options
- One piece 0.9mm mild steel frame finished RAL 9010, 20% gloss with bonded diffuser
- Frame and diffuser are screw retained. Screws retained in the frame when the diffuser is removed
- 0.7mm mild steel body finished RAL 9010, 20% gloss
- 3 hour integral emergency
- High frequency control gear
- Suspension via push out tabs except for cut aperture options using twist fix 'Lumafix' brackets
- Suitable for T15 and T25 exposed T, Burgess H4 and SAS 150 Spring T and cut aperture ceilings (cut aperture maximum ceiling thickness 30mm to give clearance for luminaire boxed end, fixing height for side supports 15 – 55mm)
- 3mm prismatic diffusers - Tp(a) Polycarbonate, Tp(b) P12A Acrylic. All options supplied prisms up, smooth face on the roomside for easy cleaning



PROJECT LIGHTING SOLUTIONS

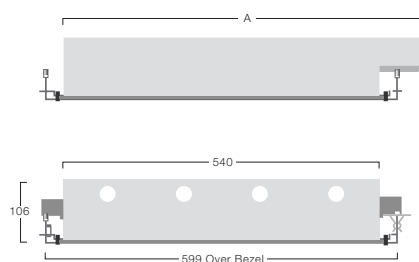
In addition to our standard product offer, we are able to supply a range of additional options to satisfy needs on major project applications. This luminaire is only available for large projects, please contact our sales office for details.

IP54/20 MODULAR SEALED LUMINAIRE - ACRYLIC
4 x 18W T8



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	0.35	0.40	0.44	0.47	0.51	0.53	0.55	0.58	0.59
0.50	0.30	0.20	0.30	0.35	0.39	0.42	0.46	0.49	0.51	0.54	0.55
0.00	0.00	0.00	0.26	0.30	0.34	0.37	0.41	0.43	0.45	0.48	0.50

LAMP WAYS	OVER FRONT FRAME	OVER BACK OF CANOPY A	DEPTH
3/4 x 18W	599 x 599	540 x 616	106
4 x 36W	599 x 1199	540 x 1226	106
3/4 x 14W	599 x 599	540 x 570	106
4 x 28W	599 x 1199	540 x 1170	106



LINEAR FLUORESCENT T8/T5

WATTAGE	IL@25°C
18W T8*	1350
36W T8*	3350
14W T5	1200
28W T5	2600

** NOTE – based on Tri-phosphor lamps, always recommended for good colour rendition wherever food is likely to be examined. All T5 lamps are Tri-phosphor.*

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ORDER CODES

T8/T5 SEALED MODULAR RECESSED LUMINAIRE

LAMP WAYS	PRODUCT REFERENCE/DIFFUSER TYPE	
	POLYCARBONATE	P12 ACRYLIC
3 x 14W T5	HYGP314	HYGA314
4 x 14W T5	HYGP414	HYGA414
4 x 28W T5	HYGP428	HYGA428
3 x 18W T8	HYGP318	HYGA318
4 x 18W T8	HYGP418	HYGA418
4 x 36W T8	HYGP436	HYGA436

EMERGENCY Add suffix to order codes above

EMIN – 3 hour maintained fully integral emergency for all versions, e.g. HYGP418**EMIN**

RECESSING PANEL

R – recessing panel to maintain IP54 on spring T ceilings.

If it is required to maintain IP54 on spring T ceilings, the luminaire must be used in conjunction with a recessing panel which clips into the T bar. If this is required add the suffix R to the above order codes before any emergency reference e.g. HYG418**RE**MIN

To specify state:

Recessed T5/T8 recessed modular luminaire with 0.7mm steel body and 0.9mm diffuser frame finished RAL9010, 20% gloss, sealed to IP54 on the front face – as Whitecroft Lighting HYGIENE.