

hygiene

Recessed fluorescent: IP54/20 Modular sealed luminaire

APPLICATION

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

SPECIFICATION

- Lamp Options:
 - 3 x 14W T5
 - 4 x 14W T5
 - 4 x 24W T5
 - 4 x 18W T8
- IP54 to the void with the front frame in place but not sealed (IP20) with the front frame removed
- Supplied without lamps
- One piece 0.9mm mild steel frame finished RAL 9010, 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
- 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 tee, 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)
- Tp(a) Polycarbonate diffuser (3mm prismatic) – supplied prisms up. Smooth face on the roomside for easy cleaning



Options

-  Easytest – integral self test version available see page 181
- 3 hour integral emergency



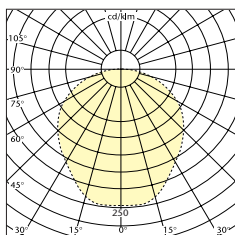
PHOTOMETRY

Hygiene

IP54 Prismatic Polycarbonate
3 x 14W T5 Lamps



- LOR = 61.5%
- SHR MAX = 1.51



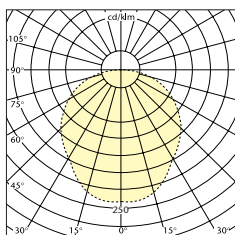
UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance	Room Index										
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.41	0.46	0.52	0.55	0.60	0.64	0.66	0.69	0.71
0.50	0.30	0.20	0.35	0.40	0.45	0.49	0.54	0.58	0.60	0.64	0.66
0.00	0.00	0.00	0.30	0.34	0.39	0.43	0.48	0.51	0.53	0.57	0.59

Hygiene

IP54 Prismatic Polycarbonate
4 x 14W T5 Lamps



- LOR = 59.7%
- SHR MAX = 1.51



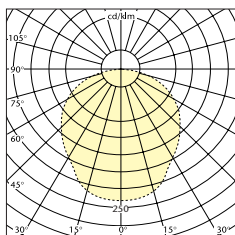
UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance	Room Index										
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.40	0.45	0.50	0.54	0.58	0.62	0.64	0.67	0.69
0.50	0.30	0.20	0.34	0.39	0.44	0.48	0.53	0.56	0.59	0.62	0.64
0.00	0.00	0.00	0.29	0.33	0.38	0.41	0.46	0.49	0.52	0.55	0.57

Hygiene

IP54 Prismatic Polycarbonate
4 x 18W T8 Lamps

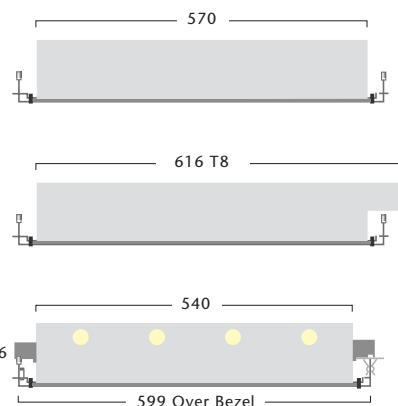


- LOR = 59.7%
- SHR MAX = 1.51



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	0.40	0.45	0.50	0.54	0.58	0.62	0.64	0.67	0.69
0.50	0.30	0.20	0.34	0.39	0.44	0.48	0.53	0.56	0.59	0.62	0.64
0.00	0.00	0.00	0.29	0.33	0.38	0.41	0.46	0.49	0.52	0.55	0.57

DIMENSIONS



ORDER CODES - HYGIENE

IP54/20 MODULAR SEALED LUMINAIRE

SUPPLIED LESS LAMPS	POLYCARBONATE
3 x 14W T5	HYGP314
4 x 14W T5	HYGP414
4 x 24W T5	HYGP424
4 x 18W T8	HYGP418

EMERGENCY *Add suffix to order codes above*

EMIN 3 hour maintained fully integral emergency, i.e. **HYGP414EMIN**

EASYTEST OPTION *Add suffix to order code above*

/ET  Integral self autotest, i.e. **HYGP414/ET**

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, i.e. **HYGP414REMIN**

To specify state:

Recessed T5 recessed modular luminaire with 0.7mm steel body and 0.9mm diffuser frame finished RAL 9010, sealed to IP54 on the front face – as Whitecroft Lighting HYGIENE

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 14W T5	1200	20,000
1 x 24W T5	1750	
1 x 18W T8	1350	15,000

QuickLink

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