

gibraltar corridor

Healthcare: T5 Semi-recessed prismatic corridor luminaire



APPLICATION

- Clinical corridors
- Other internal hospital corridors.

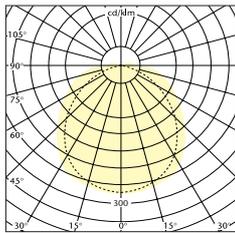
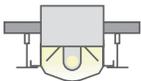
SPECIFICATION

- Lamp options:
 - 1 x 28W T5
 - 1 x 54W T5
- 4000K lamps recommended in clinical corridors
- Rigid steel body with removable gear-tray and profiled diffuser end caps finished White to RAL 9010
- Designed to fit exposed T or single and twin sheet plasterboard ceilings with wooden battens on the back face to give the required fixing height. Twist fix adjustable Lumafix side support brackets
- The optic includes a highly reflective specular aluminium reflector and an easily cleaned smooth faced internally reeded polycarbonate diffuser
- High frequency control gear as standard
- 3 hour integral emergency option
- Fused terminal block
- Lamp not supplied



PHOTOMETRY

Gibraltar Corridor
DIFFUSER RECESSED
1 x 28W T5 Lamp



- LOR = 92%
- SHR MAX = 1.60

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	0.54	0.62	0.68	0.73	0.79	0.83	0.86	0.90	0.93
0.50	0.30	0.20	0.47	0.54	0.60	0.64	0.71	0.75	0.79	0.83	0.86
0.00	0.00	0.00	0.40	0.46	0.52	0.56	0.62	0.66	0.69	0.73	0.75

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 54W T5	4450	20,000
1 x 28W T5	2600	20,000

ORDER CODES – GIBRALTAR CORRIDOR

SEMI-RECESSED PRISMATIC CORRIDOR LUMINAIRE

SUPPLIED LESS LAMPS	EXPOSED T	CUT APERTURE
1 x 28W	GIBYH128XT	GIBYH128CA
1 x 54W	GIBYH154XT	GIBYH154CA

EMERGENCY Add suffix to order codes above

EMIN 3 hour integral emergency, i.e. **GIBYH128XTEMIN**

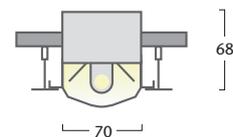
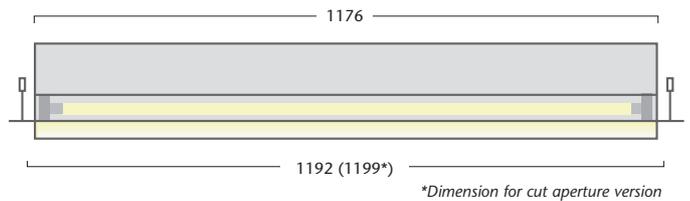
To specify state:

1 x 54W T5 or 1 x 28W T5 lamp prismatic hospital corridor luminaire with smooth easily cleanable front face and internally reeded polycarbonate diffuser. Diffuser to be positively retained. Rigid steel body to incorporate specular reflector and removable gear-tray with integral emergency and accommodate either exposed T or cut aperture ceilings – as Whitecroft Lighting GIBRALTAR CORRIDOR

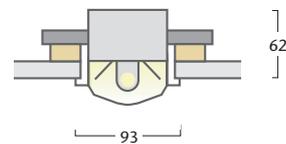
As guidance at ceiling heights from 2.4 – 2.7m using the 54W option.

- In corridors up to 2m wide, spacing at 3.6m centres delivers 200 lux (one in two to be emergency to give 1 lux minimum)
- In corridors from 2.0 to 3.0m wide, spacing at 3.0m centres delivers 200 lux (one in three to be emergency to give 1 lux minimum)
- One in 3 to be on a separate circuit for night-lighting to give 50 lux average
- If the corridor width is greater than 1.5 times the floor to ceiling height, 2 rows of luminaires will be required. These may be staggered to give even illumination

DIMENSIONS



Note: The exposed 'T' version requires T-bar centres 1200 x 101mm



Note: Suggested cut aperture 1191 x 84mm

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