

mirage MD24 AL

Healthcare: Anti-ligature compact fluorescent downlighter

APPLICATION

Mental health areas where it is necessary to protect patients from self-harm but avoid and institutional feel.

- Showers
- Toilets
- Bedrooms
- Circulation areas
- Stair wells
- Dayrooms and social areas

SPECIFICATION

- Lamp options:
 - single or twin 18W TC-D
 - single or twin 26W TC-D
- Lamps horizontally mounted
- Body: Pressed steel and extruded aluminium
- High frequency gear integral to body
- Gear tray: removable
- Plain Silver reflector with high impact 5mm thick polycarbonate cover
- Mounting ring and spun bezel in 0.9mm zintec steel finished White to RAL 9010, secured by tamper proof screws retained in bezel
- Ceiling retention by ratchet spring mechanism
- For ceiling thickness
 - 1mm to 25mm
- Easy access fused terminal block
- Supplied with lamps
 - 3000K TC-D



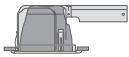
Technical louvre option

Options

- Emergency versions
- Technical louvre

PHOTOMETRY

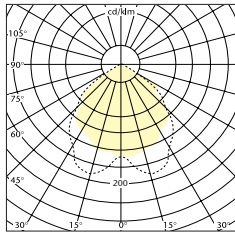
MIRAGE AL 5MM CLEAR POLYCARBONATE PLAIN REFLECTOR 2 x 26W TC-D Lamps



- LOR = 38.8%
- SHR MAX = 1.61

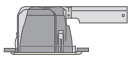
UTILISATION FACTORS UF(F)

Room Reflectance		Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.29	0.32	0.35	0.36	0.38	0.39	0.40	0.41	0.42
0.50	0.30	0.20	0.27	0.30	0.32	0.34	0.36	0.37	0.38	0.39	0.40
0.00	0.00	0.00	0.24	0.27	0.30	0.31	0.33	0.34	0.35	0.36	0.36



SHR NOM=1.50

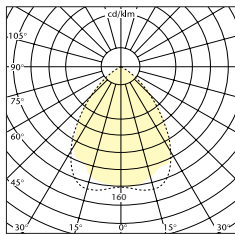
MIRAGE AL 5MM CLEAR POLYCARBONATE – TECH LOUVRE PLAIN REFLECTOR 2 x 26W TC-D Lamps



- LOR = 21.6%
- SHR MAX = 1.39

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	5.00
0.70	0.50	0.20	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.23	0.24
0.50	0.30	0.20	0.16	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23
0.00	0.00	0.00	0.15	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21

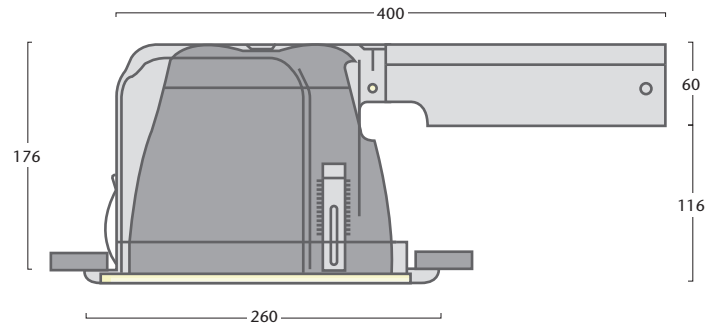


SHR NOM=1.25

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 18W TC-D	1200	12,000
1 x 26W TC-D	1800	12,000

DIMENSIONS



ORDER CODES – MIRAGE MD24 AL

ANTI LIGATURE COMPACT FLUORESCENT DOWNLIGHTER

SUPPLIED LESS LAMPS	STANDARD	EMERGENCY
2 x 18W – TC-D 4 Pin	MD24AL-218PH	MD24AL-218PHE3
2 x 26W – TC-D 4 Pin	MD24AL-226PH	MD24AL-226PHE3

TECHNICAL LOUVRE Add suffix to order codes above

T Technical louvre, i.e. **MD24ALT-218PH**

To specify state:

Pressed steel and extruded aluminium bodied 2 x 18/26W TC-D compact fluorescent anti-ligature down-lighter with high frequency gear integral to body and plain Silver reflector with optional technical louvre. High impact 5mm thick polycarbonate cover retained by mounting ring and spun bezel in 0.9mm zintec steel finished White to RAL 9010 and secured by 3 – M5 x 20 tamper proof screws – as Whitecroft Lighting **MIRAGE MD24 AL**