

Mirage MD24

MOTIVATION

Developed to expand the Mirage family MD24 accepts 18W and 26W compact fluorescent lamps. The higher lumen outputs make it an ideal choice for higher ceiling heights and areas where higher light levels are required.

APPLICATION

- IP20 Version**
 - Offices
 - Circulation areas
 - Stair wells
 - Canteens
 - Reception areas
 - Board rooms
 - Retail
- IP44 Version**
 - Toilets
 - Shower areas
 - Kitchens
 - Factories
 - Work shops

SPECIFICATION

- Lamps:
 - Single or twin 18W TC-D
 - Single or twin 26W TC-D
 - Lamps horizontally mounted
 - Body: Pressed steel and extruded aluminium
 - Gear: Integral to body, switch start, high frequency or high frequency regulating
 - Gear tray: Removable
 - Reflectors:
 - Silver LG3 Cat 3 (Diamond Facet)
 - Silver (plain) LG3 Cat 2
 - Bezel: Zinc die cast in white paint finish RAL9010 20% gloss
 - Ceiling retention by ratchet spring mechanism
 - Minimum ceiling void depth 122mm
 - For ceiling thickness – 1mm to 25mm
 - Power factor corrected
- Easy access fused terminal block
 - F-mark compliance
 - Supplied with lamps – 3000K TC-D

- Options**
- Emergency versions (remote box)
 - High frequency regulated gear (dimming)
 - IP44 opal or clear diffuser versions with curved profile uses remote gear box
 - Suspended glass ring attachments, see page 136

The above options may not apply to all wattages please check in part code table

For products not listed in the standard range please contact Whitecroft Lighting Quotations Department (minimum order quantities may be applied)



MD24-218S



MD24-218S



MD24-218S/IP44
– opal diffuser
– clear diffuser



Mirage MD24 - 118S Angle 88°
LG3 CAT 3 DIAMOND FACET REFLECTOR
1 x 18W TC-D Compact fluorescent



- SHR MAX = 1.87
- DLOR = 0.785

UTILISATION FACTORS UF(F)													SHR NOM 1.75
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	N/A	0.61	0.66	0.70	0.75	0.78	0.80	0.83	0.84		
0.50	0.30	0.20	N/A	0.55	0.61	0.65	0.70	0.73	0.75	0.78	0.80		
0.00	0.00	0.00	N/A	0.50	0.55	0.59	0.63	0.66	0.68	0.71	0.72		

CONVERSION TERMS		
Lamp Wattage	18W	26W
UF and PC	1.00	0.98

Mirage MD24 - 218S MDA24-10 Angle 72°
LG3 CAT 2 TECHNICAL LOUVRE
2 x 18W TC-D Compact fluorescent



- SHR MAX = 1.51
- DLOR = 0.407

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	0.34	0.37	0.39	0.40	0.42	0.43	0.43	0.44	0.45		
0.50	0.30	0.20	0.32	0.34	0.36	0.38	0.39	0.40	0.41	0.42	0.43		
0.00	0.00	0.00	0.30	0.32	0.34	0.35	0.36	0.37	0.38	0.39	0.39		

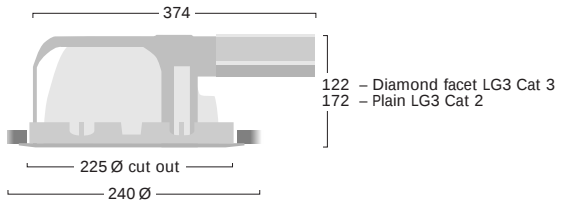
CONVERSION TERMS		
Lamp Wattage	18W	26W
UF and PC	1.00	0.89



Edinburgh Airport



For technical louvre, glass ring and special attachments, see p136



MD24-218S/IP44

Mirage MD24

ORDER CODES

COMPACT FLUORESCENT DOWNLIGHTERS				
SWITCHSTART GEAR		HIGH FREQUENCY GEAR		
PLAIN SILVER	SILVER DIAMOND	PLAIN SILVER	SILVER DIAMOND	LAMP SUPPLIED
MD24-218P	MD24-218S	MD24-218PH	MD24-218SH	2 x 18W TC-D
MD24-126P	MD24-126S	MD24-126PH	MD24-126SH	1 x 26W TC-D
MD24-226P	MD24-226S	MD24-226PH	MD24-226SH	2 x 26W TC-D

HIGH FREQUENCY ANALOGUE DIMMING OPTIONS		
MD24-226PR	Plain silver reflector	2 x 26W TC-D
MD24-226SR	Silver diamond reflector	

EMERGENCY	Add suffix to order code above
E3	Emergency pack

SWITCHSTART GEAR (USING REMOTE GEAR BOX)			
IP44 OPAL DIFFUSER	IP44 CLEAR DIFFUSER	REFLECTOR	
MD24-218S/IP44	MD24-218S/IP44C	Plain silver	2 x 18W TC-D

Note: This is the only IP44 versions of Mirage MD24. Not available with high frequency gear due to temperature limitations. Higher outputs available in Spectre range.

ATTACHMENTS
See page 136

To specify state:
Pressed steel and extruded aluminium bodied (horizontal mount) compact fluorescent downlight with cast zinc ceiling bezel. Recess depth <122mm in height. Integral/remote control gear. LG3 Cat 3 diamond facet/silver reflector. IP20/IP44 opal/clear curved profile diffuser – as Whitecroft Lighting MIRAGE MD24.

Mirage MD24 - 226S Angle 82°
LG3 CAT 3 DIAMOND FACET REFLECTOR
2 x 26W TC-D Compact fluorescent



- SHR MAX = 1.62
- DLOR = 0.603

HGT	LUX		Ø
	18W	26W	
1.0m	607	817	1.7m
2.0m	152	204	3.5m
3.0m	68	91	5.2m
4.0m	38	51	7.0m

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	0.51	0.54	0.57	0.60	0.61	0.63	0.65		
0.50	0.30	0.20	0.36	0.42	0.46	0.49	0.53	0.56	0.57	0.60	0.61		
0.00	0.00	0.00	0.32	0.38	0.42	0.45	0.48	0.50	0.52	0.54	0.55		

CONVERSION TERMS		
Lamp Wattage	18W	26W
UF and PC	0.89	1.00