



Breadth of Range

Mirage is available in 2 sizes, MX20 and MX24. These two body sizes are available with 6 different optical arrangements allowing for the architectural integration of a single range throughout a building, regardless of application. This choice is widened even further with the option of a vast choice of architectural attachments and colour inserts.



mirage MX

Compact Fluorescent Downlighters

Mirage, our most popular range of compact fluorescent downlighters, has been re-designed and improved to ensure that the MX range offers even greater performance and flexibility than before.



Build Quality

The entire Mirage range is constructed of die-cast aluminium, making it robust and light weight. This improved construction method also allows for simple installation via the 3 point leaf spring system.

Increased Efficiency

The Mirage MX24 has been developed so it can also use the new PL-R ECO lamps developed by Philips. The 14W and 17W lamps deliver a similar lumen output as an 18W or 26W TC-D respectively, when used in a Mirage reflector. Up to 35% energy savings are possible. See page 304 for more details of this lamp type.

Optic Availability

Optic	MX20	MX24
Diamond Facet	✓	✓
Plain Reflector	✓	✓
Satin Bright	x	✓
Wall Washer	x	✓
IP44	✓	✓
Technical Louvre	✓	✓



mirage MX24

compact fluorescent downlighter

> weblink > **MX24**

Optics

- Lamp options:
 - 2 x 18W TC-D
 - 1 or 2 x 26W TC-D
 - 1 or 2 x 32W TC-T
 - 1 or 2 x 42W TC-T
 - 1 x 57W TC-T
 - 1 or 2 x 17W PL-R ECO
 - 2 x 14W PL-R ECO
- Vacuum metalised diamond facet, anodised plain or satin bright reflector

Body

- Cast aluminium body with cast aluminium bezel painted white
- 3 point fixing for ceilings, 1mm to 25mm thick
- Supplied with cut aperture support ring to simplify installation
- Integrated removable gear tray for HF and dimming versions
- Available with a wide range of attachments



Plain reflector

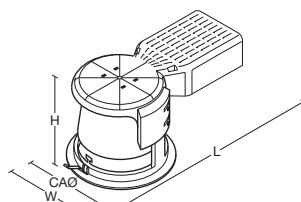


Satin bright reflector

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 14W PL-R ECO	1050	24,000hrs
1 x 17W PL-R ECO	1250	24,000hrs
1 x 18W TC-D	1200	12,000hrs
1 x 26W TC-D	1800	12,000hrs
1 x 32W TC-T	2400	12,000hrs
1 x 42W TC-T	3200	12,000hrs
1 x 57W TC-T	4300	12,000hrs

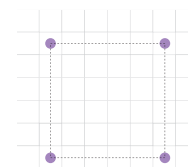
DIMENSIONS



Version	L	W	H	CAØ	KG	KG
Diamond Facet	420	240	122	230	2.0	3.0
Plain/Satin Bright	420	240	171	230	2.0	3.0

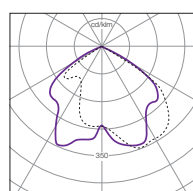
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 26W TC-D	210 lux	3.0m x 3.0m



Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.0m

PHOTOMETRIC PERFORMANCE

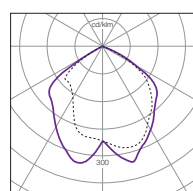


1 x 26W TC-D
Diamond Facet

- LOR = 76.7%
- SHR MAX = 1.88

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.53 0.76 0.81

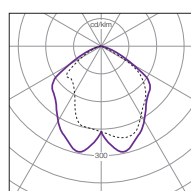


2 x 26W TC-D
Diamond Facet

- LOR = 60.4%
- SHR MAX = 1.68

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.46 0.61 0.65

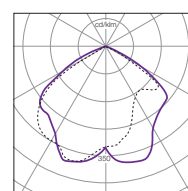


2 x 26W TC-D
Plain Reflector

- LOR = 57.4%
- SHR MAX = 1.68

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.46 0.61 0.65



1 x 17W PL-R ECO
Diamond Facet

- LOR = 88.5%
- SHR MAX = 1.74

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.61 0.87 0.93

mirage MX24

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ORDER CODES

Diamond Facet	HF Gear	3 hr Emergency
TC-D 2 x 18W	MX24H218S	MX24H218SEM
TC-D 1 x 26W	MX24H126S	MX24H126SEM
TC-D 2 x 26W	MX24H226S	MX24H226SEM

Plain	HF Gear	3 hr Emergency
TC-D 2 x 18W	MX24H218P	MX24H218PEM
TC-D 1 x 26W	MX24H126P	MX24H126PEM
TC-D 2 x 26W	MX24H226P	MX24H226PEM
TC-T 1 x 32W	MX24H132P	MX24H132PEM
TC-T 2 x 32W	MX24H232P	MX24H232PEM
TC-T 1 x 42W	MX24H142P	MX24H142PEM
TC-T 2 x 42W	MX24H242P	MX24H242PEM
TC-T 1 x 57W	MX24H157P	MX24H157PEM

Satin Bright	HF Gear	3 hr Emergency
TC-D 2 x 18W	MX24H218B	MX24H218BEM
TC-D 1 x 26W	MX24H126B	MX24H126BEM
TC-D 2 x 26W	MX24H226B	MX24H226BEM
TC-T 1 x 32W	MX24H132B	MX24H132BEM
TC-T 2 x 32W	MX24H232B	MX24H232BEM
TC-T 1 x 42W	MX24H142B	MX24H142BEM
TC-T 2 x 42W	MX24H242B	MX24H242BEM
TC-T 1 x 57W	MX24H157B	MX24H157BEM

ECO Diamond Facet	HF Gear	3 hr Emergency
PL-R 2 x 14W	MX24H214S	MX24H214SEM
PL-R 1 x 17W	MX24H117S	MX24H117SEM
PL-R 2 x 17W	MX24H217S	MX24H217SEM

ECO Plain	HF Gear	3 hr Emergency
PL-R 2 x 14W	MX24H214P	MX24H214PEM
PL-R 1 x 17W	MX24H117P	MX24H117PEM
PL-R 2 x 17W	MX24H217P	MX24H217PEM

ECO Satin Bright	HF Gear	3 hr Emergency
PL-R 2 x 14W	MX24H214B	MX24H214BEM
PL-R 1 x 17W	MX24H117B	MX24H117BEM
PL-R 2 x 17W	MX24H217B	MX24H217BEM

Options

DALI DIMMING	Replace H with Y in order code	i.e. MX24 Y 218P
DSI DIMMING*	Replace H with D in order code	i.e. MX24 D 218P
SWITCH DIMMING*	Replace H with X in order code	i.e. MX24 X 218P
EASYTEST*	Add suffix /ET to order code	i.e. MX24H218P/ ET
COMET	Add suffix /CT to order code	i.e. MX24H218P/ CT

*Not available for PLR-ECO 2 x 14W and 1/2 x 17W



TO SPECIFY

Compact fluorescent downlighter with cast aluminium body, white cast aluminium bezel and integral control gear. With choice of plain silver, diamond faceted or satin bright reflector – as Whitecroft Lighting MIRAGE MX24