

# Mirage 3

Simply Professional

Whitecroft  
lighting



# Mirage 3

The next generation of high performance downlighters is here. Building on the already successful Mirage range comes a family of products which combine superior lighting mechanics with harmonised aesthetics to deliver a total project solution.



Welcome to the family

# Mirage 3

SIZES



C79



C110



C165



SQ165

REFLECTOR FINISHES



Semi-Specular



Specular



White



Black

BEZELS\*



Black



White

WALLWASHERS

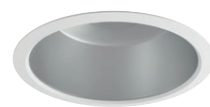


Circular



Square

C165 SERIES ATTACHMENTS AND VARIATIONS



IP65



MRI



Anti-Ligature



Floating Ring



Cylinder Ring



IP54 Clear Diffuser

SURFACE/SUSPENDED



200mm Deep



270mm Deep

Providing lighting designers with the tools and inspiration to deliver entire projects based around one style of luminaire. Using this versatile family of products to enhance spaces, accentuate building architecture, deliver compliance and superior visual comfort all at the same time.

Be creative  
Be bold  
Be different

Lighting Quality

As well as good looks, the **Mirage 3** family benefits from outputs up to 4000 lumens, is available with colour temperatures 3000K or 4000K and colour rendering of Ra80 or Ra90.

Each series offers a variety of beam distributions and a choice of four reflector types to aid the delivery of the aspired lit effect and, where required, visual comfort and compliance.

Lighting Design Toolkit

**Mirage 3** is your lighting toolkit, a family of luminaires consisting of recessed, surface and suspended products with a varied choice of sizes, reflectors, optics and colours, designed to help you create the desired environment.

With careful attention given to both its appearance and performance, and featuring glare reducing optics, a choice of beam distributions and a range of lumen outputs, this range of downlighters will add continuity and visual interest to any lighting scheme.

Flexibility

Surface and suspended luminaires are available finished in white, black and silver with a matt reflector as standard.

Recessed versions feature a black or white slim bezel designed to blend seamlessly with both ceiling and reflector to create a clean, streamlined feel. For a more bespoke look you can customise your luminaire with a mix and match bezel and reflector combination.

Further complimented by wallwashers, IP65, MRI versions and discreet emergency integration, this versatile range can provide the ideal solution in a variety of applications.

...so you can be  
**creative**



# Beyond the ceiling

**Mirage 3** offers a versatile lighting design toolkit, a family of products with a shared aesthetic with the ability to aid the delivery of compliance.

## Outputs and Efficiency

The combination of the latest COB (chip on board) technology, graphite embedded heatsink and superior optical design sees the **Mirage 3** deliver outputs up to 4000 lumens and efficacies in excess of 120 LL/CW.

## Colour and Light Quality

**Mirage 3** is available as 3000K or 4000K and Ra80 or Ra90, giving the designer the flexibility to deliver the appropriate quality of light for visual appearance and compliance within all applications.



## Sustainability in design

The **Mirage 3** family has been developed with sustainability in mind, making it easy to reassemble and reuse or upgrade and recycle at a later date. Materials have been carefully considered, for example there is no glue used and only two screws in the luminaire.

What's more, as a UK based manufacturer with local supply partners, you can be sure components and finished products do not have far to travel to reach most of our projects, ensuring a low carbon footprint.

## Dynamic Visual Appearance

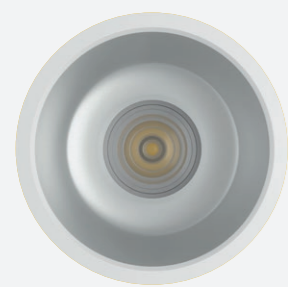
The **Mirage 3** is available with a choice of four reflectors:

A specular reflector delivers the most effective glare control by managing the luminous intensity of the light source.

The semi-specular reflector controls the luminaire output to deliver a balance of visual comfort and interest in the observers field of view. The 'go to' option for functional spaces.

In areas where the luminaire plays an integral part of the architectural vision black or white reflectors will blend seamlessly with the ceiling and where required will help create contrast.

## OPTIC TYPE



LENS



DOME

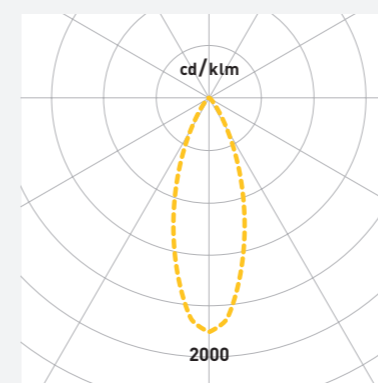
## Effective Optical Design

**Mirage 3** features several distribution patterns and when combined with impressive lumen outputs makes it easier to deliver efficient and visually comfortable lighting.

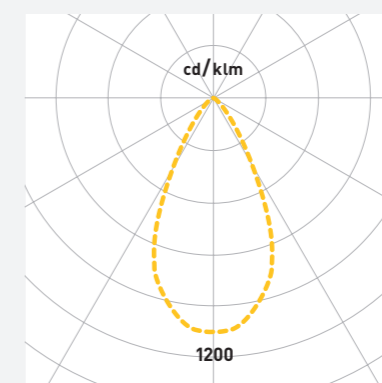
Beam angles are created by a combination of lens or dome optic, reflector and luminaire body size.

The different distribution patterns allow the designer to create feature and accent lighting, optimise lighting design and deliver exceptional visual comfort.

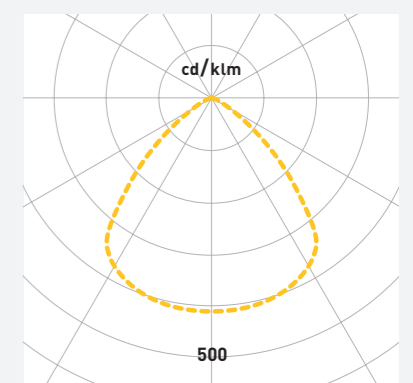
## Narrow 36°



## Medium 52°









## Wide 90°









The above distribution patterns are based on luminaires with a semi-specular reflector

The **Mirage 3** family caters for any lighting requirement, utilising its modular components and a choice of 75 different optics, to achieve a wide variety of aesthetics and performance.

Type		Dimensions		Bezel	Colour Temperature		Colour Rendition		Nominal Output					Distribution Pattern			Reflector				Driver		Emergency	
		Cut aperture mm	Depth mm		Colour	3000K	4000K	Ra80	Ra90	500lm	1000lm	2000lm	3000lm	4000lm	Narrow	Medium	Wide	Specular	Semi Specular	White	Black	DALI	Fixed Output	EM
C79		79 Ø	79	White	•	•	•	•	•	•				•	•		•	•	•		•	•	•	•
				Black	•	•	•	•	•	•	•				•	•				•		•	•	•
C110		110 Ø	102	White	•	•	•	•	•	•				•	•		•	•	•	‡	•	•	•	•
				Black	•	•	•	•	•	•	•				•	•			‡	•		•	•	•
C165*		165 Ø	106	White	•	•	•	•	•	•				•	•		•	•	•	‡	•	•	•	•
				Black	•	•	•	•	•	•	•				•	•			‡	•		•	•	•
SQ165		165 x 165	110	White	•	•	•	•	•	•				•	•		•	•	•		•	•	•	•
				Black	•	•	•	•	•	•	•				•	•				•		•	•	•
C165 IP65		165 Ø	106	White	•	•	•	•	•	•				•	•		•	•	•		•	•	•	•
C165 MRI		165 Ø	110	White	•	•		•						•	•		•	•	•		MRI Dimmable Driver			

Mirage 3

\*Mirage 3 C165 Feature attachments: IP54 Clear Diffuser, Anti-Ligature Kit, Cylinder Ring and Floating Ring

Type		Dimensions		Bezel	Colour Temperature		Colour Rendition		Nominal Output					Distribution Pattern			Reflector				Driver		Emergency			
		Cut aperture mm	Depth mm		Colour	3000K	4000K	Ra80	Ra90	500lm	1000lm	2000lm	3000lm	4000lm	Narrow	Medium	Wide	Specular	Matt	White	Black	DALI	Fixed Output	EM	COMEPS	
C81 Wallwasher		81 Ø	105	White	•	•	•	‡	•	•				•					•	•	•	•				
SQ81 Wallwasher		81 x 81	105	White	•	•	•	‡	•	•				•					•	•	•	•				
Type		Dimensions		Body	Colour Temperature		Colour Rendition		Nominal Output					Distribution Pattern			Reflector				Driver		Emergency			
		Overall diameter mm	Depth mm		Colour	3000K	4000K	Ra80	Ra90	500lm	1000lm	2000lm	3000lm	4000lm	Narrow	Medium	Wide	Specular	Matt	White	Black	DALI	Fixed Output	EM	COMEPS	
Surface		178	200	White	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•					
				Silver	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•					
				Black	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•					
		178	270	White	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•	•	•			
				Silver	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•					
				Black	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•					
Suspended		178	200	White	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•					
				Silver	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•					
				Black	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•					
		178	270	White	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•	•	•			
				Silver	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•					
				Black	•	•	•	‡	•	•	•				•	‡	•	‡	‡	•	•					

Mirage

**UK Head Office**

Whitecroft Lighting Ltd  
Burlington Street  
Ashton-Under-Lyne  
Lancashire OL7 0AX

T +44 (0)161 330 6811  
F +44 (0)161 331 5855  
email@whitecroftlight.com

**London Customer Centre**

Whitecroft Lighting Ltd  
102-108 Clerkenwell Road  
London  
EC1M 5SA

T +44 (0)161 330 6811  
F +44 (0)161 331 5855

**Rep. Ireland Office**

Ireland Office  
Fagerhult Ltd  
F1 Calmount Park  
Ballymount, Dublin 12  
Ireland

T +353 (0)1 426 0200  
F +353 (0)1 429 9606  
info@fagerhult.ie  
www.fagerhult.ie

**Middle East Office**

Fagerhult Middle East  
P.O. Box 126287  
Dubai  
United Arab Emirates

T +971 (0)4 3297120  
F +971 (0)4 3297130  
info@fagerhult.ae  
www.fagerhult.ae



whitecroftlighting.com