

Mirage LED

Compact LED downlighter with optional architectural attachments

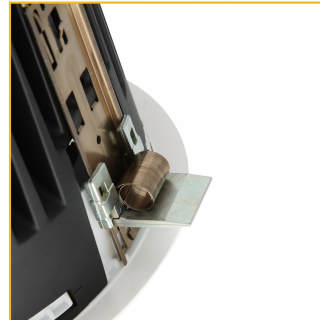
Whitecroft
lighting

100+
LL/CW



IP44

LED



Quick Fix Spring System



Mirage LED



Pattress



LED Light Engine

Overview

Mirage LED combines advanced optical design with the latest LED developments, and has been designed to meet a number of different requirements with a range of light outputs and colour temperatures.

Optics

- Nominal Light Output Options - Comfort and Compact
 - 1100 lumens (10W*), emergency output 20% of standard lumen output
 - 2000 lumens (17.5W*), emergency output 10.5% of standard lumen output
 - 3000 lumens (25W*), emergency output 7.3% of standard lumen output

* Total power consumption including driver based on the 4000K light engine

- Three reflector finish option
 - Specular
 - Matt*
 - White*
- Available in 3000K and 4000K
- IP44 as standard

* only available in the Comfort body

Body

- Black cast aluminium body with polycarbonate reflector ring in white
- Bodies available in two depths, Compact or Comfort
- Rapid installation guaranteed with our unique spring assembly
- Luminaire supplied with interconnecting cable for connection to the LED driver
- LED driver to be ordered separately with Compact and Comfort
- For ceilings 5-50mm thick
- RAL Colour: RAL9003
- Available with a wide range of attachments

Order codes

Comfort - Specular Reflector

B50						
Comfort - Specular Reflector	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
1120 lumen (10W) / 2053 lumen (17.5W)	MB11204KCF	MB11204KCFEM	 112/117	80k	55k	30k
2980 lumen (25W)	MB304KCF	MB304KCFEM	 119	70k	50k	25k

Compact - Specular Reflector

B50						
Compact	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
1179 lumen (10W) / 2133 lumen (17.5W)	MB11204KCM	MB11204KCMEM	 118/122	80k	55k	30k
3148 lumen (25W)	MB304KCM	MB304KCMEM	 126	70k	50k	25k

Comfort - Matt Silver Reflector

B50						
Comfort - Matt Silver Reflector	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
1158 lumen (10W) / 2057 lumen (17.5W)	MM11204KCF	MM11204KCFEM	 116/118	80k	55k	30k
2986 lumen (25W)	MM304KCF	MM304KCFEM	 119	70k	50k	25k

Comfort - White Reflector

B50						
Comfort - White Reflector	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
1027 lumen (10W) / 1817 lumen (17.5W)	MW11204KCF	MW11204KCFEM	103/104	80k	55k	30k
2637 lumen (25W)	MW304KCF	MW304KCFEM	 113	70k	50k	25k

Drivers

1100 lumens - fixed output.	MBH11
1100 lumens - DALI dimming.	MBY11
2000 lumens - fixed output.	MBH20
2000 lumens - DALI dimming.	MBY20
3000 lumens - fixed output.	MBH30
3000 lumens - DALI dimming.	MBY30

Accessories

Pattress	MLA-PAT
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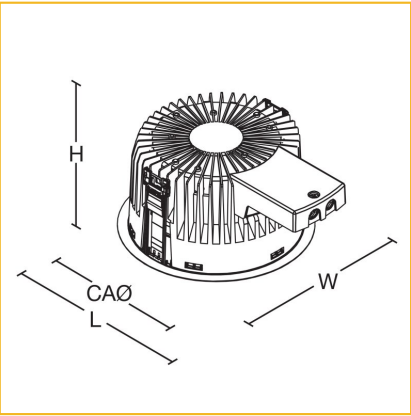
Options

3000K COLOUR TEMP	Replace 4K with 3K	i.e MB11203KCF
COMEPS	Add suffix EP	i.e MB11204KCFEP

LED Performance

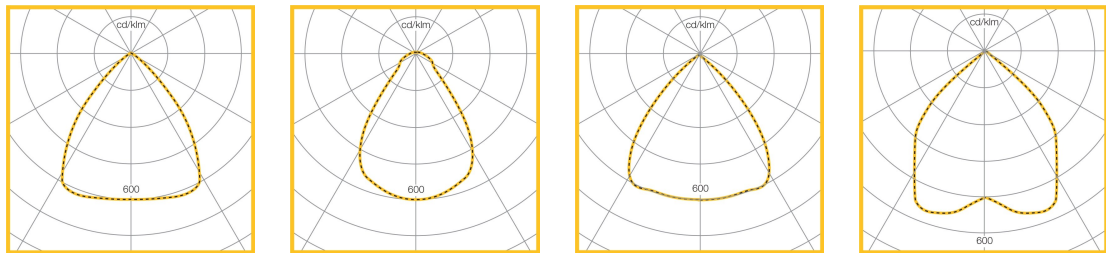
Colour Temp	RA (CRI)	Colour consistency
1100K	>80	MacAdam 3 SDCM
3000K	>80	MacAdam 3 SDCM
4000K	>80	MacAdam 3 SDCM

Dimensions



VERSION	L	W	H	KG	KG(EM)	CAØ
Compact	232	183	100	1.18	2.7	165
Comfort	232	183	137	1.35	2.9	165
Driver - Fixed Output	150	46	32	0.3		
Driver - DALI	200	74	32	0.4		

Photometric Performance



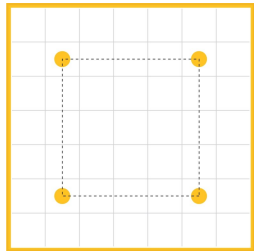
Comfort Specular
10W LED 4000K
1120 Lumens
LOR = 100.0%
SHR MAX = 1.97

Compact 17.5W
LED 4000K 2133
Lumens
LOR = 100.0%
SHR MAX = 1.97

Comfort 17.5W
LED 4000K 2057
Lumens
LOR = 100.0%
SHR MAX = 1.75

Comfort 25W LED
4000K 2986
Lumens
LOR = 100.0%
SHR MAX = 1.75

Performance Guide



Lamps	18W LED
Illuminance	200 lux
Spacing	3.0m x 3.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working plane	0.0m

To Specify

Mirage LED - Recessed LED downlight with cast aluminium body, white polycarbonate bezel and integral 1100 / 2000 / 3000 lumen light engine. For ceiling thicknesses of 5-50mm - as Whitecroft Lighting MIRAGE LED

Application images

