

# Mirage LED Surface

Surface mounted circular downlight

Whitecroft  
lighting



Mirage LED Surface - Black



Mirage LED Surface  
(270mm Body Depth)



Mirage LED Surface - Silver



Quick and easy installation

## Overview

An elegant circular surface mounted downlight with a cast aluminium body, specular reflector and integral driver.

## Optics

- Specular Reflector
- Light Output Options \*
  - 1100 lumens (10W)
  - 2000 lumens (18W)
  - 3000 lumens (25W)
- Emergency Output \*
  - 350 lumens
- Choice of 3000K 'warm' or 4000K 'cool' white colour temperature

\* Outputs are based on 4000K colour temperature




## Body

- Cast aluminium body in two different heights
  - 200 mm \*\*
  - 270 mm
- Choice of body colours
  - White (RAL 9003)
  - Silver (RAL 9006)
  - Black (RAL 9005)
- Overall diameter 178mm
- Integral Fixed Output or DALI driver
- 3hr Emergency or COMEPEPS emergency options (COMEPEPS can be Easytest if required)
- Quick and easy installation, simply secure the holding bracket and slide the gear tray and outer body into place
- Holding bracket allows for Screw or BESA mounting
- Optional anti-glare control ring to reduce glare (accessory supplied separately)
- IP20




\*\* Not available with emergency, for emergency option use 270mm body

## Order codes

### Mirage LED Surface (200mm)

|                   |              |               |   | B50  |     |     |
|-------------------|--------------|---------------|---|------|-----|-----|
| 4000K White       | Fixed Output | 3hr Emergency | LL/CW   | L70  | L80 | L90 |
| 1100 lumens (10W) | MBSH14K20W   | Not available |  105 | >60k | 60k | 22k |
| 2000 lumens (18W) | MBSH24K20W   | Not available |  105 | >60k | 60k | 22k |
| 3000 lumens (25W) | MBSH34K20W   | Not available |  107 | >60k | 60k | 22k |

### Mirage LED Surface (270mm)

|                   |              |               |   | B50  |     |     |
|-------------------|--------------|---------------|---|------|-----|-----|
| 4000K White       | Fixed Output | 3hr Emergency | LL/CW   | L70  | L80 | L90 |
| 1100 lumens (10W) | MBSH14K27W   | MBSH14K27WEM  |  105 | >60k | 60k | 22k |
| 2000 lumens (18W) | MBSH24K27W   | MBSH24K27WEM  |  105 | >60k | 60k | 22k |
| 3000 lumens (25W) | MBSH34K27W   | MBSH34K27WEM  |  107 | >60k | 60k | 22k |

## Options

|          |                    |              |
|----------|--------------------|--------------|
| DALI     | Replace H with Y   | MBSY14K27W   |
| COMEPEPS | Add suffix EP      | MBSH14K27WEP |
| SILVER   | Replace W with S   | MBSY14K27S   |
| BLACK    | Replace W with B   | MBSY14K27B   |
| 3000K    | Replace 4K with 3K | MBSH13K27W   |

## Accessories/Attachments

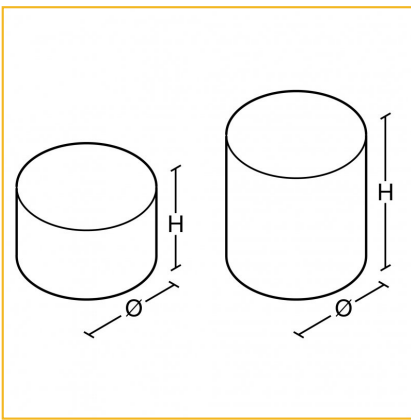
Anti-glare control insert

MLA-AGC

## LED Performance

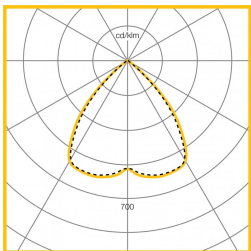
|               |          |                    |
|---------------|----------|--------------------|
| Colour Temp   | RA (CRI) | Colour consistency |
| 3000K / 4000K | >80      | MacAdam 3 SDCM     |

## Dimensions

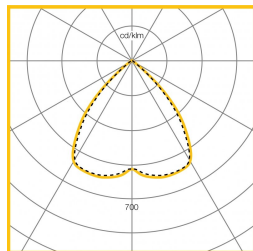


| VERSION    | Ø   | H   | KG  | KG(EM)        |
|------------|-----|-----|-----|---------------|
| 200mm Body | 178 | 201 | 1.4 | Not available |
| 270mm Body | 178 | 278 | 1.8 | 2.2           |

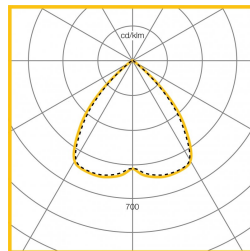
## Photometric Performance



10W LED 4000K  
1057 Lumens  
LOR = 100  
SHR MAX = 1.62

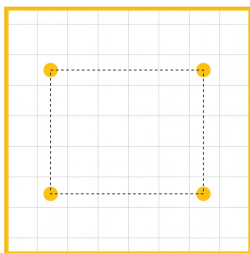


18W LED 4000K  
1901 Lumens  
LOR = 100  
SHR MAX = 1.62



25W LED 4000K  
2686 Lumens  
LOR = 100  
SHR MAX = 1.62

## Performance Guide



|               |             |
|---------------|-------------|
| Lamps         | 18W         |
| Illuminance   | 218 lux     |
| Spacing       | 3.0m x 2.4m |
| Maintenance   | 0.8         |
| Reflectance   | 70/50/20    |
| Working plane | 0           |

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## To Specify

Elegant circular surface mounted downlight with a cast aluminium body, specular reflector and integral driver. Clean aesthetic with no visible body fixings, simple slide and click installation and a choice of 200mm or 270mm body height - as Whitecroft Lighting MIRAGE LED SURFACE.

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