

# mirage LED surface

surface mounted  
LED downlighter



## Optics

- LED light engine available in either a fixed or replaceable 'integra' format
- Light Output Options - Integra
  - 1100 lumens (18W\*)
- Light Output Options
  - 1100 lumens (10W\*)
  - 2000 lumens (21W\*)
- Supplied complete with specular reflector
- 'Cool' white 4000K colour temperature
- Anti-glare control insert supplied as standard
- 50,000 hour life expectancy
- IP20

## Body

- Cast aluminium body finished in white
- Supplied complete with driver



## Order Codes

**Mirage LED S – Integra**  
1100 lumen (18W)

**Fixed Output**  
**MSBH114KCFT**

**Mirage LED S**  
1100 lumen (10W)  
2000 lumen (21W)

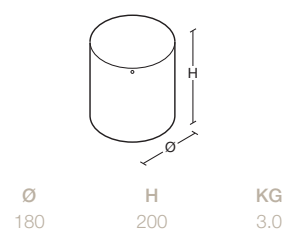
**Fixed Output**  
**MSAH114KCFT**  
**MSAH204KCFT**

**DALI**  
**MSAY114KCFT**  
**MSAY204KCFT**

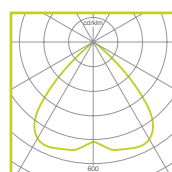
## LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K - Integra	≥ 80	L <sub>70</sub> (50,000hrs)	MacAdam 3 SDCM
4000K	≥ 80	L <sub>70</sub> (50,000hrs)	MacAdam 3 SDCM

## Dimensions



## Photometric Performance



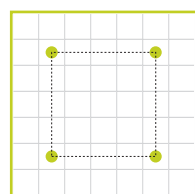
21W LED  
Comfort  
1778 lumens  
4000K  
• LOR = 100%  
• SHR MAX = 1.75

### Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.80 1.03 1.08

## Performance Guide

Lamps Illuminance Spacing  
21W LED 200 lux 3.0m x 3.0m



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

## To Specify

### Mirage LED S

Surface mounted LED downlighter with cast aluminium body and specular reflector finished in white. Integral 1100 / 2000 lumen light engine – as Whitecroft Lighting MIRAGE LED SURFACE

### Mirage LED S Integra

Surface mounted LED downlighter with cast aluminium body and specular reflector finished in white. Removable 1100 lumen light engine – as Whitecroft Lighting MIRAGE LED SURFACE INTEGRA