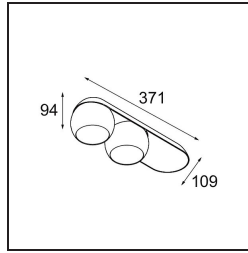
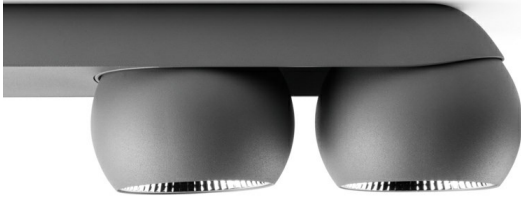


| |
|----------|
| Date |
| Customer |
| Project |
| Type |

FFD_Marbul Surface Adjustable 109 2x LED 3000K Trailing Edge DI Donkey Grey Structure

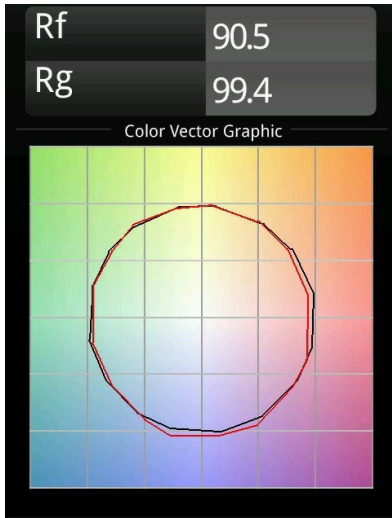


Specifications

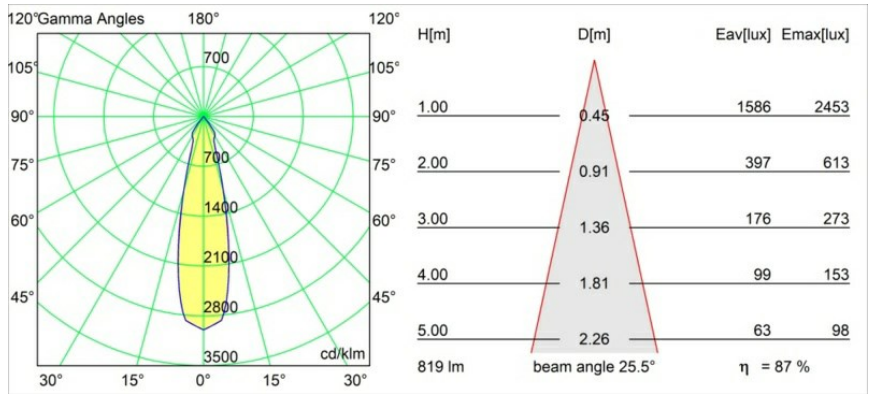
| | |
|---------------------------------|---|
| Material | 11501376 |
| Light Source Type | LED |
| LED Type | CREE 1507 |
| LED technology | LED COB |
| CRI | Min. 90 |
| Colour Temperature | 3000K |
| Lifetime | L80B20 @50,000 Hours |
| Lamp Included | Yes |
| Number of Light Sources | 2 |
| CIE flux code | 100 100 100 100 88 |
| Binning (SDCM) | 2 |
| Light Direction | Down |
| Optic | Reflector |
| Input Voltage | 230V |
| Luminaire power (W) | 15.0 |
| Electrical Class | I |
| IP Rating | 20 |
| Glow wire rating (°C) | 960 |
| Dimming Protocol | Trailing Edge |
| Indoor/Outdoor | Indoor |
| Application | Ceiling, Wall |
| Mounting | Surface |
| Adjustability | H 360° V 45° |
| Distance to Lighted Object (m) | 0,1 |
| Primary Colour & Primary Finish | Donkey Grey, Structure |
| Gross weight (g) | 2197.0 |
| Delivered lumens (lm) | 718 |
| Efficacy (lm/W) | 94 |
| Glare rating | 15 |
| Remark | <ul style="list-style-type: none"> • 4000K on request • Magnetic reflector not included • 4000K on request • This is not a complete product. Magnetic reflector required. • This is not a complete product. Magnetic reflector required. |

Marbul is a timeless, spherical accent luminaire. Its pure geometrical shape makes it easily fit in every interior. Why designers love it so? The attention to detail and the simplicity of the shape present a minimalistic, elegant and versatile design for those looking to experiment with organic lighting.

TM30 & CRI diagram



Light distribution & beam diagram



Optical Accessories

- **10216830** Reflector 82 Super Spot Aluminium Anodised
- **10216930** Reflector 82 Super Spot Champagne Anodised
- **10217030** Reflector 82 Super Spot Gold Anodised
- **10217130** Reflector 82 Medium Aluminium Anodised
- **10217230** Reflector 82 Medium Champagne Anodised
- **10217330** Reflector 82 Medium Gold Anodised
- **10217430** Reflector 82 Flood Aluminium Anodised
- **10217530** Reflector 82 Flood Champagne Anodised
- **10217630** Reflector 82 Flood Gold Anodised

- Choose a required accessory