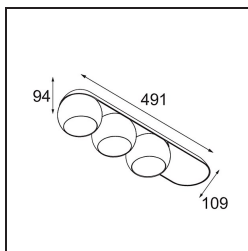


Date
Customer
Project
Type

FFD\_Marbul Surface Adjustable 109 3x LED 2700K DALI DI Donkey Grey Structure



**Specifications**

Material	11502276
Light Source Type	LED
LED Type	CREE 1507
LED technology	LED COB
CRI	Min. 90
Colour Temperature	2700K
Lifetime	L80B20 @50,000 Hours
Lamp Included	Yes
Number of Light Sources	3
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	DALI
DALI Standard	DALI-2
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)	3347.0
Luminous flux per lamp (lm)	481
Efficacy (lm/W)	96
Glare rating	13

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.

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Remark

- 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.
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**TM30 & CRI diagram**



**Light distribution & beam diagram**



Diagrams

### *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