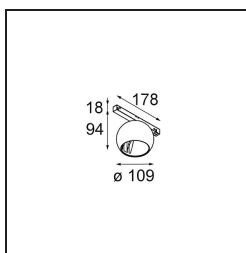


Date
Customer
Project
Type

## Marbul Track 48V Adjustable 109 1x LED 3000K 1-10V Black Structure



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.



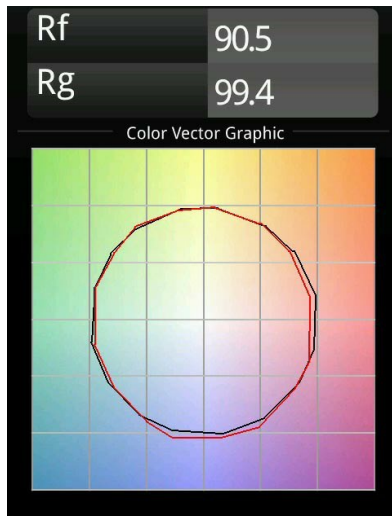
### Specifications

Material	13482132
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	1
CIE flux code	100 100 100 100 88
Binning (SDCM)	2
Light Direction	Down
Optic	Reflector
Input Voltage	48Vdc
Luminaire power (W)	8.5
Electrical Class	III
IP Rating	20
Glow wire rating (°C)	960
Dimming Protocol	1-10V
Indoor/Outdoor	Indoor
Application	Ceiling, Wall
Adjustability	H 360° V 45°
Distance to Lighted Object (m)	0,1
Primary Colour & Primary Finish	Black, Structure
Gross weight (g)	1047.0
Luminous flux per lamp (lm)	718
Efficacy (lm/W)	84
Glare rating	15
Remark	<ul style="list-style-type: none"> <li>• 4000K on request</li> <li>• White Pista 48V luminaires have a white track adapter. All other Pista 48V luminaires have a black track adapter. Deviation from this is only possible on request.</li> <li>• This Track 48V luminaire can not be used in the upper part of a Pista Track 48V Profile Suspended Up/Down.</li> <li>• Magnetic reflector not included</li> <li>• 4000K on request</li> </ul>

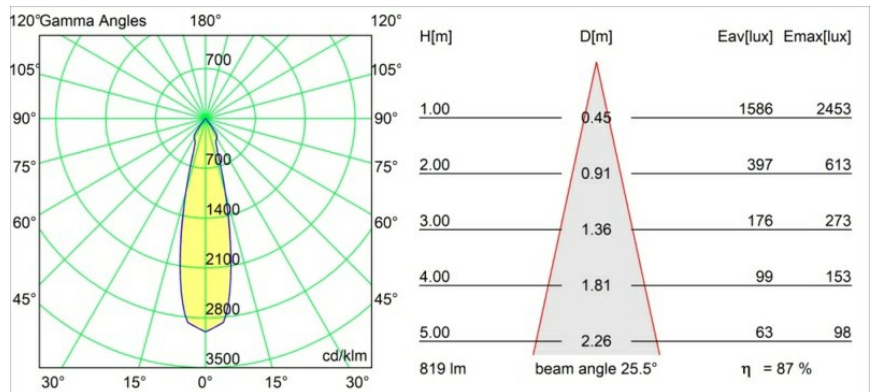


- This is not a complete product. Magnetic reflector and Pista track 48V system required.
  - This is not a complete product. Magnetic reflector and Pista track 48V system required.
  - For installations without dimmer, it is recommended to use 1-10 V luminaires.
-

### 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

Accessories