co:lab

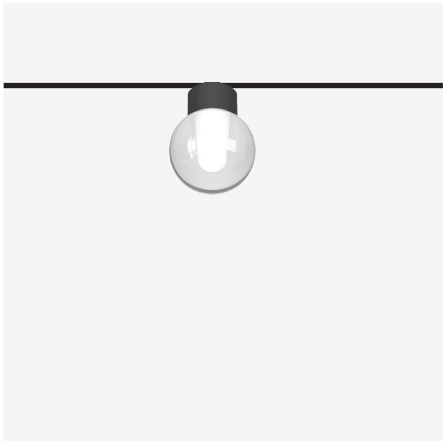
Project:
Type:
Model:

Monda-TR60

4.5W Spherical 48VDC Decorative Luminaire

WATTAGE **4.5W** | VOLTAGE **48VDC** | **3-Step** | **Bluetooth** | DALI | CE | WARRANTY **5YR**

30° | CRI (Ra) **>90** | IP **20** | **Track**



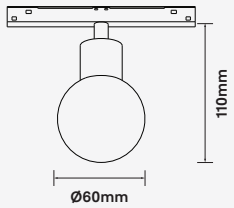
A 48VDC low voltage track system is synonymous with electrical safety, permitting greater flexibility and ease of use including installation. The luminaire can be installed and moved to any position without the need for turning off the power to the track. This is due to its low voltage input of 48VDC. No tools are required, the luminaires simply snap-lock into position, remaining in place until you want to remove or re-position the luminaire.

The elegant and minimalist design permits a range of micro luminaires ranging from spots, pendants and linear sources with many features. The system features simple on/off operation with additional dimming options to suit a number of protocols such as DALI or Bluetooth dimming. The system is designed to suit applications from residential through to retail and commercial.
The Monda-TR60 is covered by a 5 year warranty.

- Luminaire wattage: 4.5W (System)
- Luminous flux: 158Lm[2]
- Luminaire efficacy: 35.11Lm/W[1]
- Correlated colour temperature: 2700K, 3000K, 4000K
- Colour rendering index: >90[3]
- 3-Step-MacAdams Ellipse
- LED Brand: Cree COB LED
- Optical distribution: 30°
- Ø60mm Trim x 110mm Depth
- Luminaire finish: Black body
- Diffuser: Optical grade PMMA sphere
- Ingress protection rating: IP20
- Working voltage: 48VDC constant voltage
- Flicker free DC-DC internal driver
- Longevity: >50,000Hrs L80 B10
- Requires 48VDC remote driver and Track-System
- Dimming: DALI-2, BLE (Casambi) on request[4]
- Weight: 230g
- Warranty: 5 years[5]

Luminaire Finish

Black/Clear (BK/CLR)



Model	LED Output[2]	Luminous Flux[2]	System Wattage	CCT	CRI[3]	Distribution
MONDA-TR60-4.5W-3K	500Lm	158Lm	4.5W	3000K	>90	30°

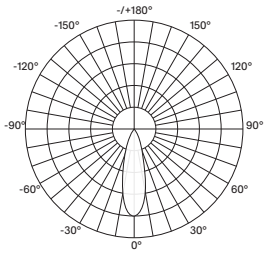
For Non-dimming add suffix ND
For DALI-2 dimming add suffix D
For BLUETOOTH dimming add suffix BT

Example product order code configuration: MONDA-TR60-4.5W-3K-30-ND-(BK/CLR)

Model		Wattage		CCT		Distribution		Driver		Luminaire Finish
MONDA-TR60	+	**4.5W**	+	**3K**	+	**30**	+	**ND**	+	**BK/CLR**

Light Distribution

Monda-TR60-4.5W-3K-30



AVERAGE BEAM ANGLE (50%): 32.2 DEG

Light output ratio

LOR	100%
ULOR	0%
DLOR	100%
FFR	0.00 (0:100)
BLF	1.00

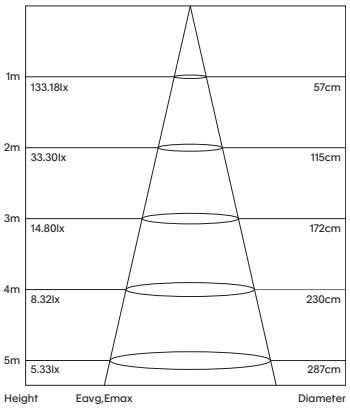
LUMINANCE cd/(m²)

G(DEG)	C0/180	C90/270
85	55	0
80	110	0
75	296	0
70	559	279
65	1970	1922
60	3193	3315
55	4951	4861
50	6772	6937

Utilisation Factors

Room Reflectance			Room Index							
Ceiling	Walls	Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
70	50	20	92	96	100	102	105	106	108	110	112

Cone Diagram



1 Luminaire efficacy based on CCT 3000K; CCT variation will alter efficacy
2 +/- 10% stated initial LED and luminous flux tolerance
3 Colour Rendering Index: >90 Standard (Cree COB Series)
4 Additional charges apply for non-standard colour/s, dimming and accessories
5 Five year manufacturer's warranty covering product defects and performance deficiencies

co:lab

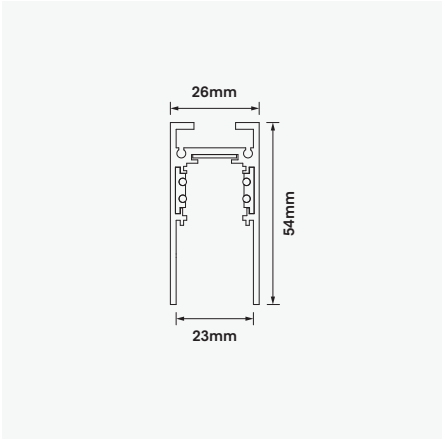
Project:
Type:
Model:

Monda-TR60

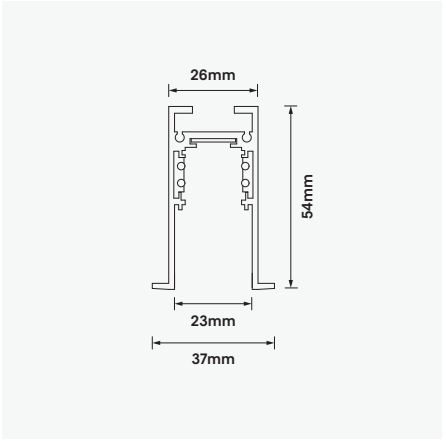
4.5W Spherical 48VDC Decorative Luminaire

48VDC TRACK-SYSTEM track options

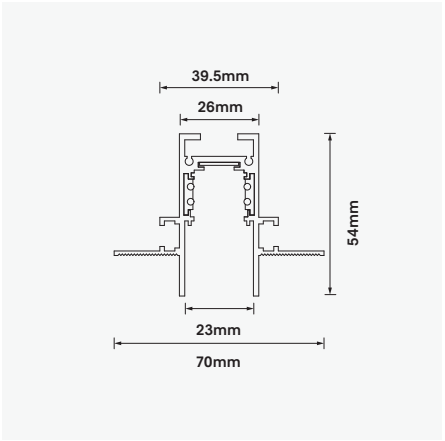
Surface / Suspended Track
Product No: TR-SM26
Colour: Black
Size: W26mm x H54mm



Recessed Track
Product No: TR-REC26
Colour: Black
Size: W37mm x H54mm



Recessed Trimless Track
Product No: TR-TL26
Colour: Black
Size: W70mm x H54mm



1 Luminaire efficacy based on CCT 3000K; CCT variation will alter efficacy
2 +/- 10% stated initial LED and luminous flux tolerance
3 Colour Rendering Index: >90 Standard (Cree COB Series)
4 Additional charges apply for non-standard colour/s, dimming and accessories
5 Five year manufacturer's warranty covering product defects and performance deficiencies