

Product Code

MD50



Technical Description

Hidden power, precision focus

- A variation of our popular **Polar** downlight, with a square outer frame for larger ceiling cut-outs
- The deep-set light source, anti-glare baffle and aluminium reflector combine to create an impressively low-glare luminaire
- Highly polished reflector with anodised finish, made of 99.8% pure aluminium
- Available in standard, high-output HE+ and full-spectrum high-CRI ComfoLED versions
- Improved efficacy (up to 137lm/W at CRI90) with our new Mondolux HE+ chip*
- Also comes in **Monza Duo** version with two spot heads
- Maximum tilt angle of 20°
- 700mA variations approved under VEU/IPART
- If you require a customised version of this product, please [contact us](#)

*Applicable for HE+ version

Electrical Specifications

System Power	14W, 19W, 27W, 35W, 42W, 50W
Input Voltage	240V
Control Type	ON/OFF, 0-10V, Phase-Cut, DALI, Casambi, DMX
System Efficacy (max.)	137lm/W
Power Factor	> 0.9

Photometric Info

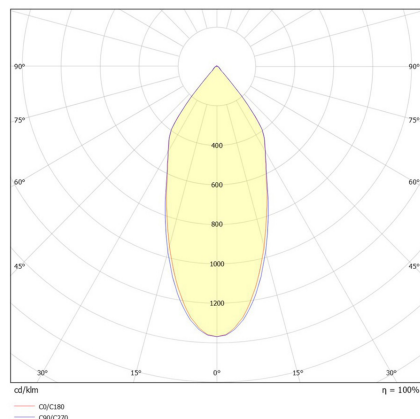
Luminaire Lumens	1580lm, 1880lm, 2220lm, 2600lm, 2850lm, 3520lm, 3545lm, 3685lm, 4400lm, 4480lm, 5025lm
CRI	CRI90, CRI97+
CCT	3000K, 3000K ComfoLED, 3000K HE+, 3000K Vivid, 3500K, 3500K HE+, 4000K, 4000K ComfoLED, 4000K HE+
Beam Angle	10°, 20°, 40°, 50°
Lumen Maintenance	> 50, 000hrs (L80 B10)
MacAdam Step	3 Step

Physical Characteristics

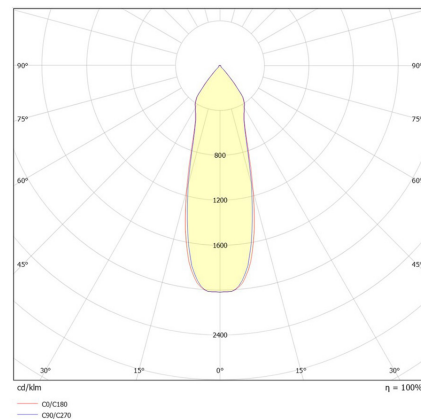
Installation Method	Adjustable Recessed
Trim Finish	White, Black
VEU/IPART Approved	MD50AR-700mA
IP Rating / IK Rating	IP20
Weight	1.3Kgs
Maximum Tilt Angle	20°
Maximum Rotation Angle	355°
Fitting Material	Aluminium

Polar Distribution Diagrams

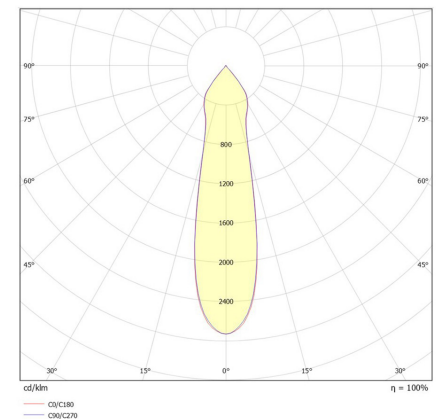
Monza 50°



Monza 40°



Monza 20°



Monza 10°

