

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

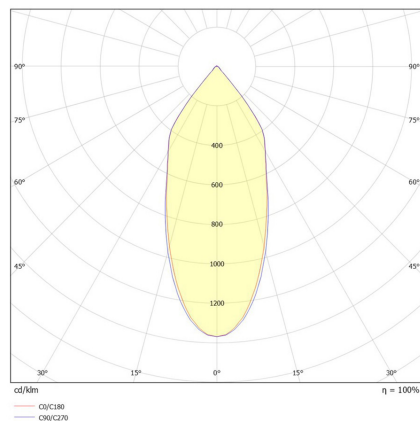
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|-------------------|---|
| Luminaire Lumens | 1580lm, 1880lm, 2220lm, 2600lm, 2850lm, 3520lm, 3545lm, 3685lm, 4400lm, 4480lm, 5025lm |
| CRI | CR190, CR197+ |
| CCT | 3000K, 3000K ComfoLED, 3000K HE+, 3000K Vivid, 3500K, 3500K HE+, 4000K, 4000K ComfoLED, 4000K HE+ |
| Beam Angle | 10°, 20°, 40°, 50° |
| Lumen Maintenance | > 50, 000hrs (L80 B10) |
| MacAdam Step | 3 Step |

Physical Characteristics

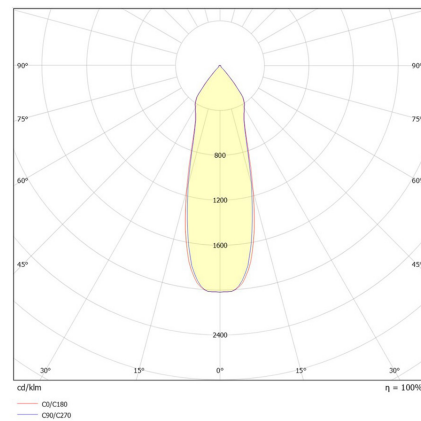
| | |
|------------------------|---------------------|
| Installation Method | Adjustable Recessed |
| Trim Finish | White, Black |
| IP Rating / IK Rating | IP20 |
| Weight | 1.3Kgs |
| Maximum Tilt Angle | 20° |
| Maximum Rotation Angle | 355° |
| Fitting Material | Aluminium |

Polar Distribution Diagrams

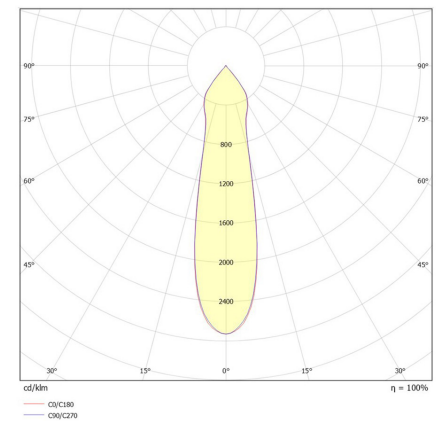
Monza 50°



Monza 40°



Monza 20°



Monza 10°

