

Product Code

MD49



Technical Description

Light check: 1, 2

- A variation of our popular **Polar** downlight, with a square outer frame for larger ceiling cut-outs
 - A deep-set light source and a low-grade aluminium reflector for excellent optical comfort
 - 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** version with single one spot head
 - Powerful illumination options with 26W, 40W, 54W, 72W, 86W and 100W versions available
 - Maximum tilt angle of 20°
 - If you require a customized version of this product, please [contact us](#)
- *Applicable for HE+ version

Electrical Specifications

System Power	28W, 38W, 54W, 70W, 84W, 100W
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

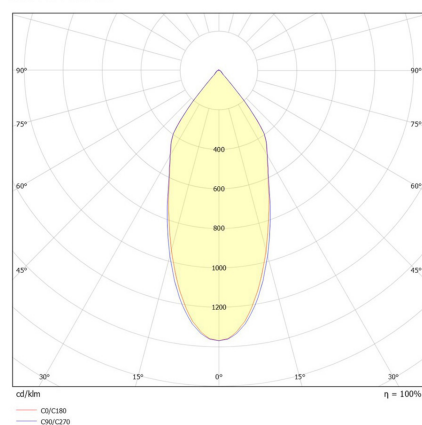
Luminaire Lumens	3160lm, 3760lm, 4440lm, 5200lm, 5700lm, 7040lm, 7090lm, 7370lm, 8800lm, 8960lm, 10050lm
CRI	CRI90, CRI97+
CCT	3000K, 3000K ComfoLED, 3000K HE+, 3000K Vivid, 3500K, 3500K HE+, 4000K, 4000K ComfoLED, 4000K HE+
Beam Angle	10°, 20°, 40°, 50°
Lumen Maintenance	> 50, 000hrs (L80 B10)
MacAdam Step	3 Step

Physical Characteristics

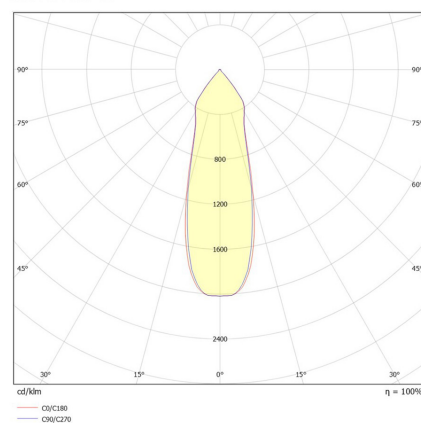
Installation Method	Adjustable Recessed
Trim Finish	White, Black
VEU/IPART Approved	MD49AR-700mA
IP Rating / IK Rating	IP20
Weight	2.2Kgs
Maximum Tilt Angle	20°
Maximum Rotation Angle	355°
Fitting Material	Aluminium

Polar Distribution Diagrams

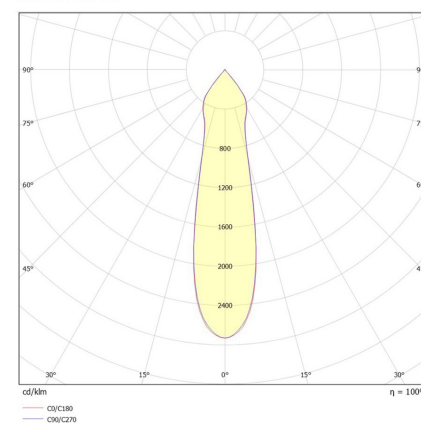
Monza Duo 50°



Monza Duo 40°



Monza Duo 20°



Monza Duo

DOWNLIGHT

Monza Duo 10°

