# **MIRA 150** round

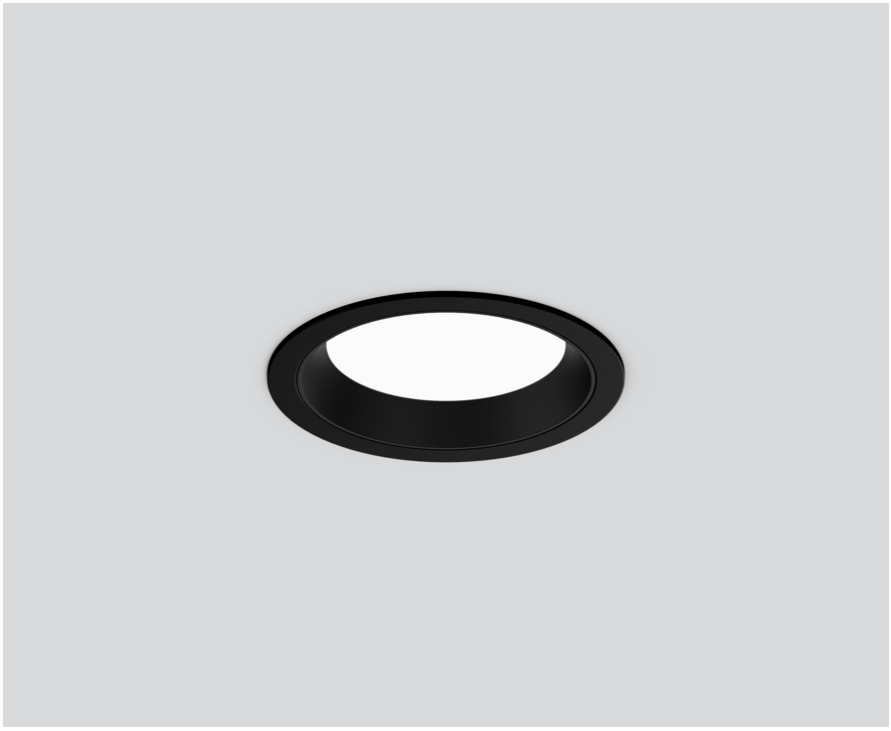
trim

052-93235380

Project / Type

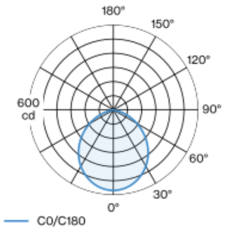
Notes

Count / Date

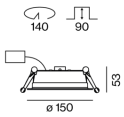


Round recessed spotlight in die-cast aluminium; surface black powder coated; with trim; suitable for ceiling thickness of 2-25 mm; installation without tools using snap spring closure; passive cooling of the LEDs through improved heat sink geometry; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; completely homogeneously illuminated, satin PMMA cover; recessed luminaire plane; degree of protection IP20; PC2; 220-240 V; incl. external converter for ceiling insertion; DALI-2 control; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution




## Product drawing




### General

Ceiling , Recessed
black , RAL 9005 [1]
IP20
1380 lm

### LED

3000 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
$R_g$: 99 , $R_f$: 91 , $R_{f\,[1\text{-}15]}$: 89
MR 0.61
MDER 0.55

### Optical

Opal
opal (lambertsch)
PstLM ≤ 1.0 [2]
SVM ≤ 0.4 [2]

### Electrical

DALI-2
220-240 V
no emergency light
system 13.0 W
system 106 lm/W[3]
PC2
1 DALI Addr.

### Physical

trim
diameter 150 mm
height 53 mm

### Cutout

diameter 140 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 90 mm

[1] RAL code [2] Value of containing product at full load (undimmed)
[3] FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## Installation instructions

## Lighting calculator

['052-93235380'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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