MITA circle 160

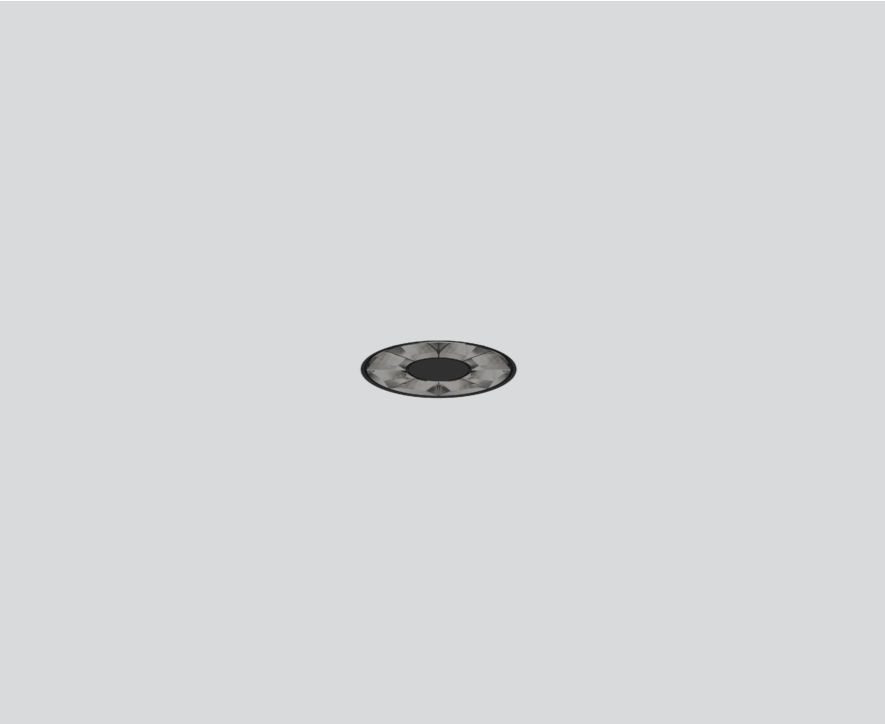
trimless

074-8222018B 002-91120

Project / Type

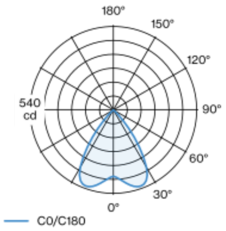
Notes

Count / Date

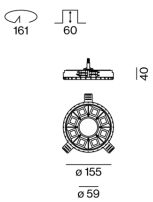


Ring-shaped light fitting in die-cast aluminium; extremely slim design; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/20/25 mm; surface black powder coated; incl. blind cover made of plastic in the cut-out; SASSO 60 round or SPIO 60 for installation in the cut-out available as an accessory; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high gloss reflector with faceted design; Reflector dark chrome; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; degree of protection IP20; PC2; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; converter wired secondary side; 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]
Reflector dark chrome
IP20
645 lm
fixture 101 lm/W[2]

LED

3000 K
CRI ≥ 90
L90 / 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

Reflector
symmetric
UGR ≤ 16 , ≥65° <1500 cd/m²
PstLM ≤ 1.0 [3]
SVM ≤ 0.4 [3]

Electrical

DALI-2
220-240 V
system 8.5 W
fixture 6.4 W
22 Vf
300 mA
PC2
1 DALI Addr.

Physical

trimless
diameter 160 mm
height 47 mm

Cutout

diameter 161 mm
min. ceiling thickness 12.5 mm
max. ceiling thickness 25 mm
recessed depth 60 mm

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

Installation instructions

Lighting calculator

['074-8222018B 002-91120'] 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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