

MITA circle 160

trimless

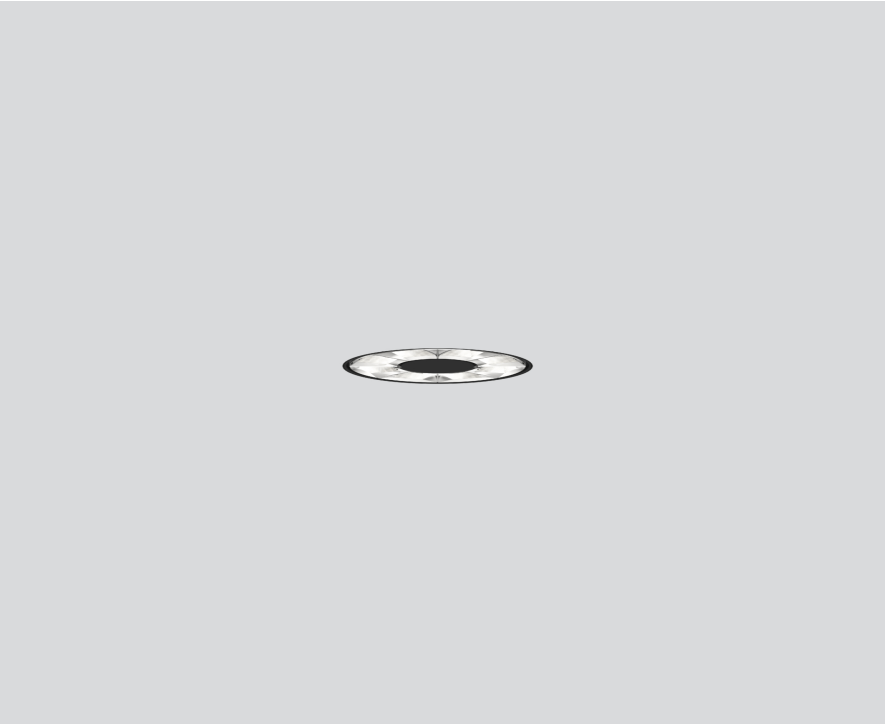
074-8222D18R 002-91121



Project / Type

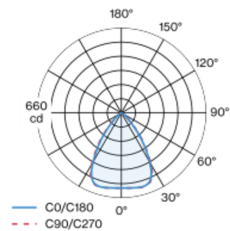
Notes

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: tunable white diodes (2700-6500 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 chrome; UGR ≤ 19 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500$ cd/m²; degree of protection IP20; PC2; 220-240 V; internal wiring in light halogen free; incl. DALI-2 / DT8 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 chrome

IP20

835 lm

fixture 138 lm/W ²

LED

tunable white | 2700 K - 6500 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 101 | R_r: 90 | R_{t(1-5)}: 88

MR 0.51 | MDER 0.46

Optical

Reflector | symmetric

UGR ≤ 19 | $\geq 65^\circ < 1500$ cd/m²

PstLM ≤ 1.0 ³ | SVM ≤ 0.4 ³

Electrical

DALI-2 DT8 | 1 DALI Addr.

PC2 | 220-240 V

system 8.1 W | fixture 6.1 W

22 Vf | 375 mA

Physical

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diameter 160 mm | height 47 mm

1.19 kg

Cutout

diameter 161 mm

min. ceiling thickness 12.5 mm | max. ceiling thickness 25 mm

recessed depth 60 mm

¹ RAL code
² incl. consideration of optical losses & internal control unit losses
³ Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Components

POWER SUPPLY

L·W·H (MM)	ARTICLE NUMBER(S)
129-79-30	002-91121

