

MITA circle 160

trim

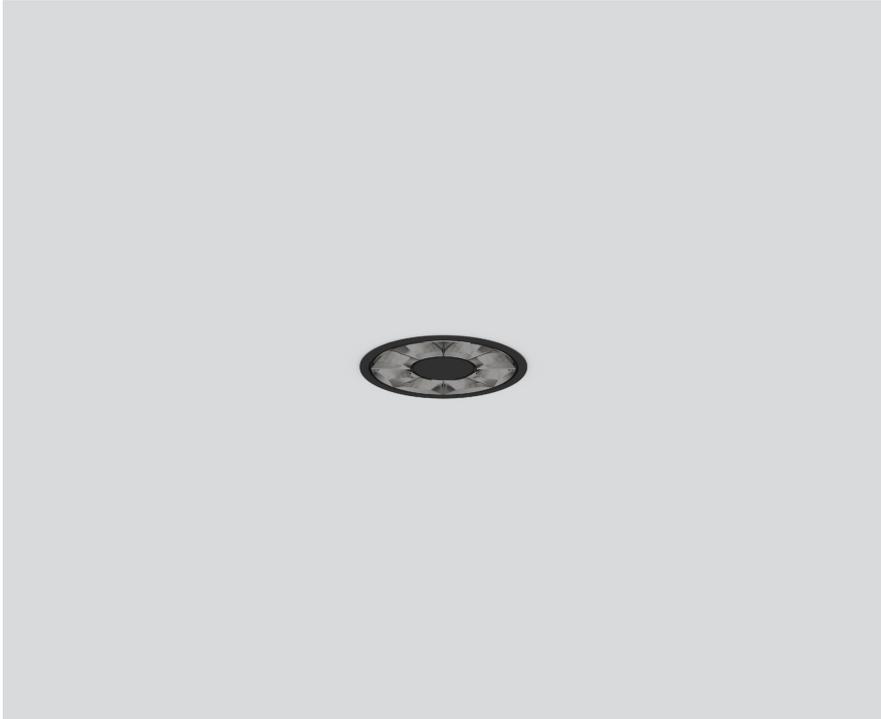
074-8122D18B 002-91121



Project / Type

Notes

Count / Date



General

Ceiling | Recessed

jet black | RAL 9005

Reflector dark chrome

IP20

598 lm

fixture 99 lm/W¹

LED

tunable white | 2700 K - 6500 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 101 | R_f: 90 | R₍₁₋₁₅₎: 88

MR 0.51 | MDER 0.46

Optical

Reflector | symmetric

UGR ≤ 19 | ≥65° <1500 cd/m²

PstLM ≤ 1.0² | SVM ≤ 0.4²

Electrical

DALI-2 | 1 DALI Addr.

DT8

PC2 | 220-240 V

system 8.1 W | fixture 6.1 W

22 Vf | 375 mA

Physical

trim

diameter 165 mm | height 47 mm

0.77 kg

Cutout

diameter 154 mm

min. ceiling thickness 2 mm | max. ceiling thickness 25 mm

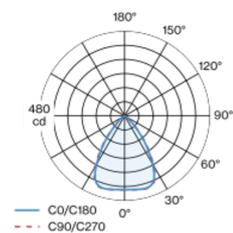
recessed depth 60 mm

¹ incl. consideration of optical losses & internal control unit losses

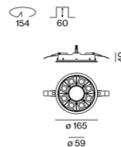
² Value of containing product at full load (undimmed)

Ring-shaped light fitting in die-cast aluminium; extremely slim design; recessed light with wrap around edge; suitable for ceiling thickness of 2-25 mm; surface jet 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 dark chrome; UGR ≤ 19; 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



Installation instructions



Lighting calculator



MITA circle 160

trim

074-8122D18B 002-91121



Project / Type

Notes

Count / Date

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

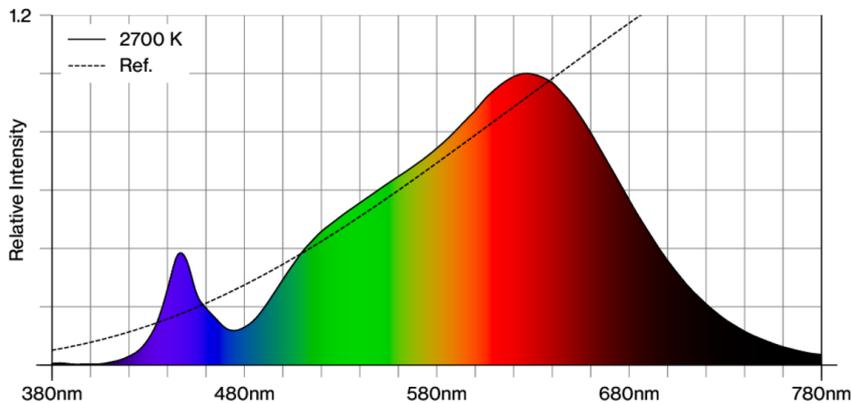
POWER SUPPLY

L-W-H (MM)
129-79-30

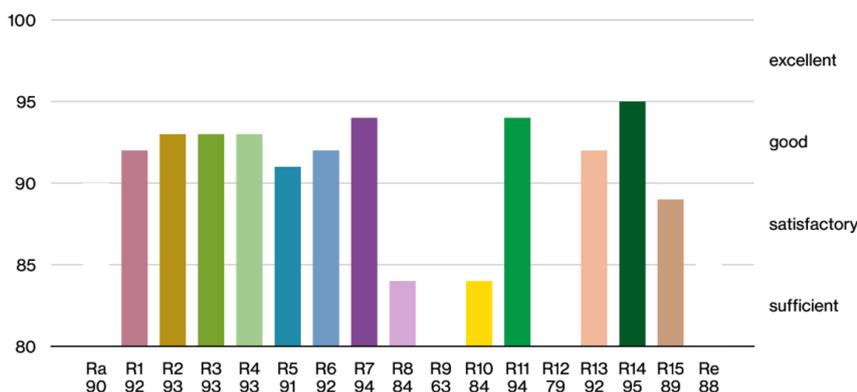
ARTICLE NUMBER(S)
002-91121



Colour rendering



CRI/R_a ≥ 91 R_e ≥ 88 (2700 K)



[074-8122D18B 002-91121] 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.
 © XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

13.08.2025

MITA circle 160

trim

074-8122D18B 002-91121

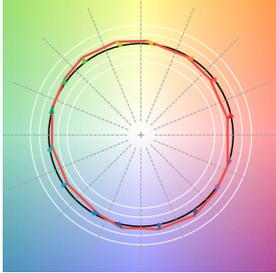


Project / Type

Notes

Count / Date

TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.