

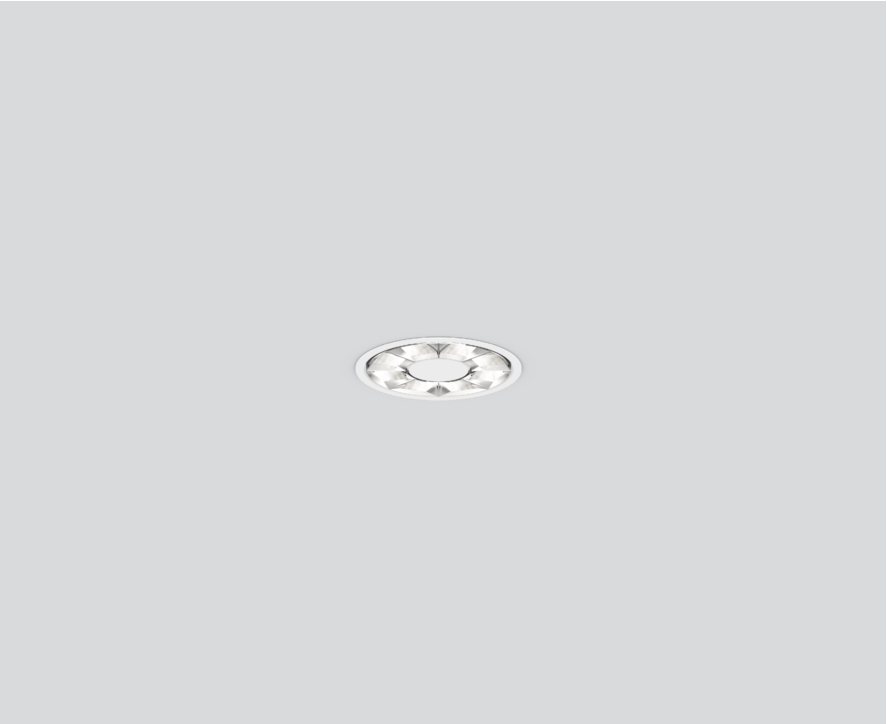
MITA circle 160

trim

074-8122017R 002-91122

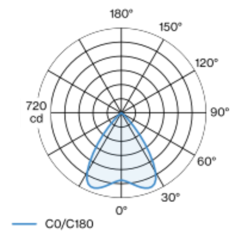


| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |

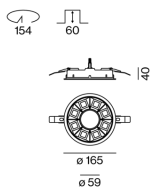


Ring-shaped light fitting in die-cast aluminium; extremely slim design; recessed light with wrap around edge; suitable for ceiling thickness of 2-25 mm; surface white powder coated; incl. blind cover made of plastic in the cut-out; SASSO 60 round or SPIO 60 for installation in the cut-out available as 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 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. converter, non dimmable; 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 | |
| white , RAL 9016 ¹ | |
| Reflector chrome | |
| IP20 | |
| 901 lm | |
| fixture 141 lm/W ² | |

LED

| | |
|--|--|
| 3000 K | |
| CRI ≥ 90 | |
| L90 / 50000 h | |
| initial MacAdam ≤ 3 SDCM | |
| R _g : 99 , R _f : 91 , R ₍₁₋₁₅₎ : 89 | |
| MR 0.61 | |
| MDER 0.55 | |

Optical

| | |
|--|--|
| Reflector | |
| symmetric | |
| UGR ≤ 19 , $\geq 65^\circ < 1500$ cd/m ² | |
| PstLM ≤ 1.0 ³ | |
| SVM ≤ 0.4 ³ | |

Electrical

| | |
|---------------|--|
| non DIM | |
| 220-240 V | |
| system 8.5 W | |
| fixture 6.4 W | |
| 22 Vf | |
| 300 mA | |
| PC2 | |

Physical

| | |
|-----------------|--|
| trim | |
| diameter 165 mm | |
| height 47 mm | |
| 0.9 kg | |

Cutout

| | |
|------------------------------|--|
| diameter 154 mm | |
| min. ceiling thickness 2 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



MITA circle 160

trim

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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

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|------|------------|-------------------|
| 22 W | 147-44-22 | 002-91122 |



Optional electrical accessories

DIN RAIL POWER SUPPLY

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------|------------|-------------------|
| 160 W | 72-90-63 | 005-6520210 |



DIN RAIL LED DRIVER

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|--------------------------------|------------|-------------------|
| DALI-2 200-1050 mA 2 x 42W | 36-88-59 | 005-6121030 |

