

MITA circle 450 opal direct

suspended
074-76115380



Project / Type

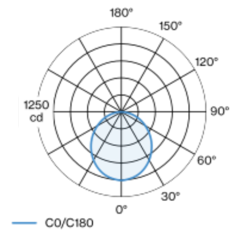
Notes

Count / Date



Ring-shaped light fitting in die-cast aluminium; extremely slim design; surface black powder coated; suspended luminaire with adjustable pendant rod mounting (chrome) 1000mm, feed in rod; electronic operating unit installed in the canopy; blind cover to cover the cut-out, held by magnet, available as an accessory; accessories are listed separately; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling , Suspended

black , RAL 9005 ¹

IP20

2760 lm

LED

3000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.56

MDER 0.51

Optical

Opal

symmetric

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

220-240 V

system 24.9 W

system 111 lm/W³

PC1

1 DALI Addr.

Physical

diameter 426 mm

height 38 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



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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 Faktor | |

^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.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 37 |
| B16 | 60 |
| C10 | 37 |
| C16 | 60 |

Optical accessories

BLIND COVER circle 450 ceiling

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 339 | 074-8911627 |
| jet black | 339 | 074-8911628 |

