

MITA circle 450 reflector

trim

074-8116D37R



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

white , RAL 9016 ¹

Reflector chrome

IP20

3340 lm

LED

tunable white

2700 K - 6500 K

CRI \geq 90

L90 / 50000 h

initial MacAdam \leq 3 SDCM

R_g: 101 , R_f: 90 , R_{f(1-15)}: 88

MR 0.51

MDER 0.46

Optical

Reflector

symmetric

UGR \leq 19 , $\geq 65^\circ$ < 1500 cd/m²

P_{stLM} \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

DALI-2 DT8

220-240 V

system 28.5 W

system 117 lm/W³

PC2

1 DALI Addr.

Physical

trim

diameter 444 mm

height 47 mm

5.2 kg

Cutout

diameter 432 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 60 mm

¹ RAL code ² Value of containing product at full load (undimmed)

³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions

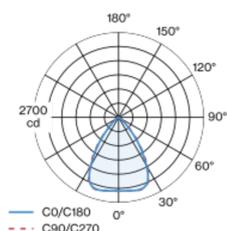


Lighting calculator

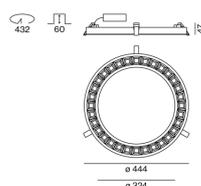


Ring-shaped light fitting in die-cast aluminium; extremely slim design; recessed light with wrap around edge; suitable for ceiling thickness of 2-25 mm; surface white powder coated; blind cover to cover the cut-out available as an accessory; accessories are listed separately; light colour: tunable white diodes (2700-6500 K); binning initial MacAdam \leq 3 SDCM; CRI \geq 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 \leq 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; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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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.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	18
B13	24
B16	30
B20	38
C10	31
C13	40
C16	51
C20	63

Optical accessories

BLIND COVER circle 450

COLOUR
traffic white
jet black

ARTICLE NUMBER(S)
074-8911617
074-8911618

