

MITA circle 450 reflector

direct / indirect soft

ceiling

074-7531537B

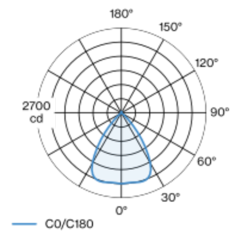


Project / Type	
Notes	
Count / Date	



Ring-shaped light fitting in die-cast aluminium; extremely slim design; surface white powder coated; luminaire housing set away from ceiling; electronic operating unit installed in the surface mounted housing: surface mounted housing aligned from the ring to the center; 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; high gloss reflector with faceted design; Reflector dark chrome; UGR ≤ 19 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500$ cd/m²; direct / indirect radiation characteristic for additional accentuation of the ceiling; 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 , Surface	
white , RAL 9016 ¹	
Reflector dark chrome	
IP20	
indirect 72 lm	
direct 3020 lm	
total 3090 lm	

LED

3000 K	
CRI ≥ 80	
L90 / 50000 h	
initial MacAdam ≤ 3 SDCM	
MR 0.56	
MDER 0.51	

Optical

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

Electrical

DALI-2	
220-240 V	
system 30 W	
system 103 lm/W ³	
PC1	
1 DALI Addr.	

Physical

diameter 426 mm	
height 72 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



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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

