

# MITA square 360

trim

074-8316D38R



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Recessed	
black , RAL9005 <sup>1</sup>	
Reflector chrome	
IP20	
3560 lm	

## LED

tunable white	
2700 K - 6500 K	
CRI ≥ 80	
L80 / 50000 h	
initial MacAdam ≤ 3 SDCM	
MR 0.47	
MDER 0.42	

## Optical

Reflector	
Symmetric	
UGR < 19 , ≥65° <1500 cd/m <sup>2</sup>	
PstLM ≤ 1.0 <sup>2</sup>	
SVM ≤ 0.4 <sup>2</sup>	

## Electrical

DALI-2	
31 W	
PC2 220-240V	
115 lm/W	
1 DALI Addr.	

## Physical

trim	
length 356 mm	
width 356 mm	
height 43 mm	
3.7 kg	

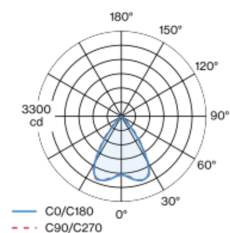
## Cutout

length 348 mm	
width 348 mm	
min. ceiling thickness 2 mm	
max. ceiling thickness 25 mm	
recessed depth 60 mm	

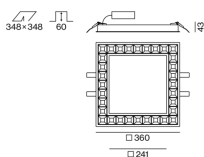
<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

Square luminaire housing in die-cast aluminium; extremely slim design; recessed light with wrap around edge; suitable for ceiling thickness of 2-25 mm; surface black 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 ≤ 3 SDCM; CRI ≥ 80; min. 80% 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° ≤ 1500 cd/m<sup>2</sup>; degree of protection IP20; PC2 220-240V; internal wiring in light halogen free; incl. DALI-2 converter; converter wired secondary side; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## Installation instructions



## Lighting calculator



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.97	0.93	0.89	0.86	0.82
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

<sup>a</sup> 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 square 360

COLOUR	ARTICLE NUMBER(S)
traffic white	074-8913617
jet black	074-8913618

