

MITA square 360

trim

074-8316638R



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

black , RAL9005 ¹

Reflector chrome

IP20

4790 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.72

MDER 0.65

Optical

Reflector

Symmetric

UGR < 19 , ≥65° <1500 cd/m²

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

30 W

PC2 220-240V

160 lm/W

1 DALI Addr.

Physical

trim

length 356 mm

width 356 mm

height 43 mm

Cutout

length 348 mm

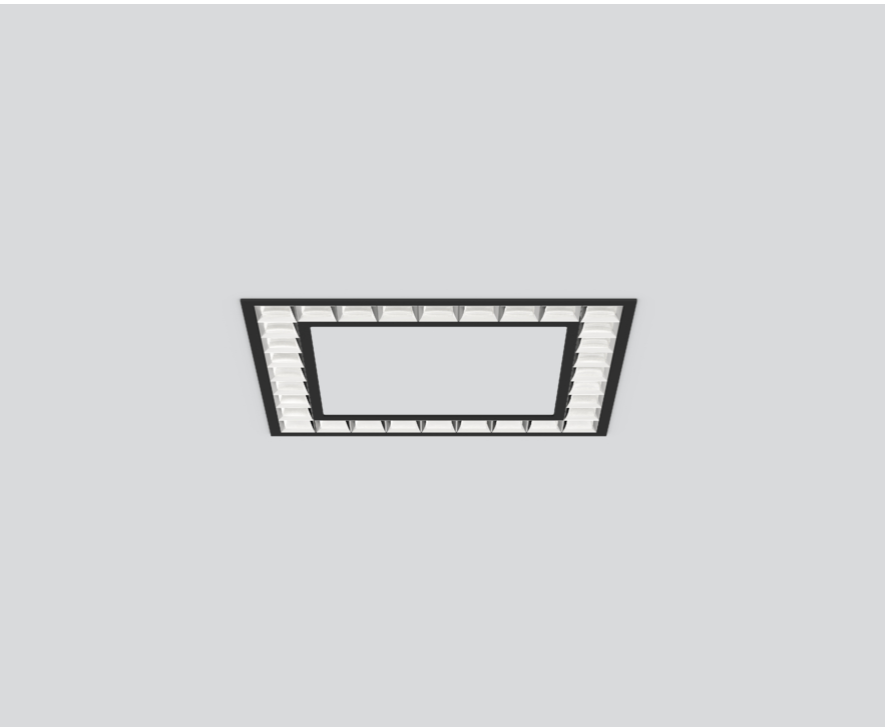
width 348 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

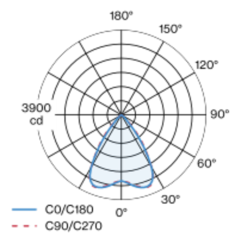
recessed depth 60 mm

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

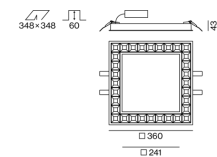


Square luminaire housing in die-cast aluminium; extremely slim design; recessed light with wrap around edge; suitable for ceiling thickness of 2-25 mm; surface black powder coated; blind cover to cover the cut-out available as an accessory; accessories are listed separately; light colour 4000 K; binning 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 chrome; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; 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 | 0.98 | 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

BLIND COVER square 360

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

