

# MOVE IN 45 square

trimless

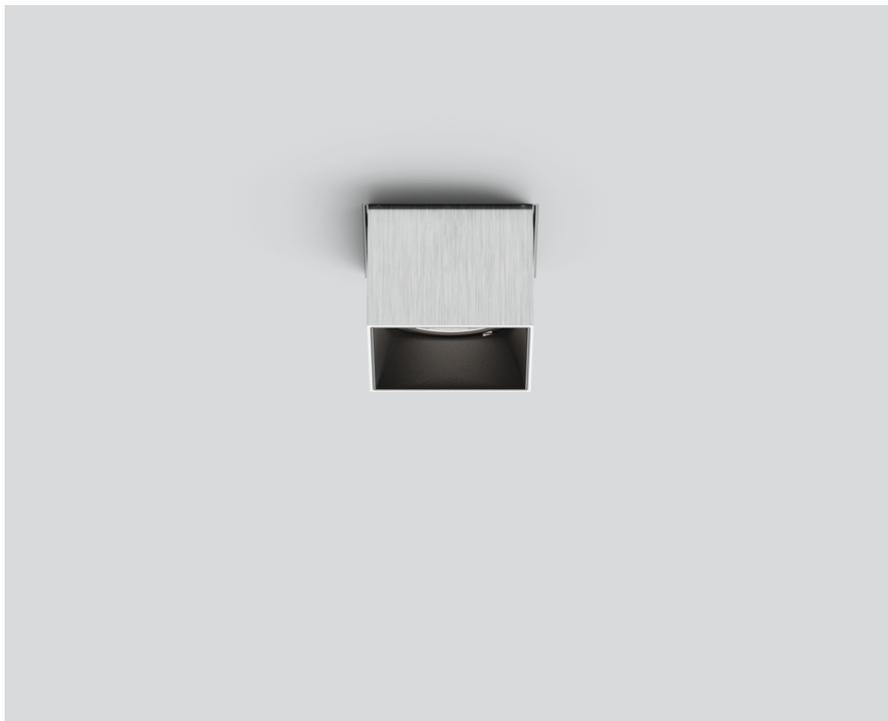
063-8421416S 063-8832117 002-90720



Project / Type

Notes

Count / Date



## General

Ceiling , Semi-Recessed  
 brushed aluminium  
 IP20  
 1030 lm  
 fixture 81 lm/W<sup>1</sup>

## LED

2700 K  
 CRI ≥ 90  
 L80 / 50000 h  
 initial MacAdam ≤ 2 SDCM  
 R<sub>g</sub>: 99 , R<sub>r</sub>: 91 , R<sub>(1-15)</sub>: 89  
 MR 0.53  
 MDER 0.48

## Optical

spot  
 beam angle 12°  
 PstLM ≤ 1.0<sup>2</sup>  
 SVM ≤ 0.4<sup>2</sup>

## Electrical

DALI-2  
 220-240 V  
 system 14.9 W  
 fixture 12.7 W  
 37 Vf  
 350 mA  
 PC2  
 1 DALI Addr.

## Physical

trimless  
 diameter 80 mm  
 height 105 mm  
 0.21 kg

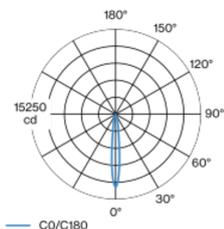
## Cutout

diameter 65 mm  
 min. ceiling thickness 9 mm  
 max. ceiling thickness 25 mm  
 recessed depth 175 mm

<sup>1</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.  
<sup>2</sup> Value of containing product at full load (undimmed)

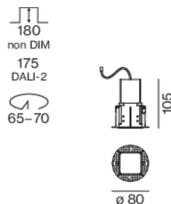
Square spotlight element in aluminium; surface brushed aluminium; installation without tools in mounting set due to patented ball catch system; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 9-25 mm; special mounting tool for easy installation of the trimless housing available as an accessory; spotlight element height adjustable without tools: flush with the ceiling, or extended 25 mm or 35 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high quality, aluminium, vapour deposition coated reflector with faceted lens design; precise radiation characteristic with 12° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. DALI-2 converter; converter wired secondary side; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



h (m)	E0 <sup>3</sup> (lx)	ø (m)
1	13000	0.21
2	3300	0.42
3	1400	0.63
4	800	0.84
5	500	1.06

## 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	0.96	0.92	0.88	0.85	0.81
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	36
B13	47
B16	58
C10	36
C13	78
C16	58

## Components

### MOUNTING HOUSING trimless

Ø (MM)	ARTICLE NUMBER(S)
80	063-8832117



### POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
197-29-21	002-90720



## Optional electrical accessories

### DIN RAIL POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
160 W	72-90-63	005-6520210



### DIN RAIL LED DRIVER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
DALI-2   200-1050 mA   2 x 42W	36-88-59	005-6121030



## Other accessories

### SPECIAL MOUNTING TOOL

TYPE	Ø (MM)	ARTICLE NUMBER(S)
necessary to install mounting housing trimless	100	063-8912110



## Optical accessories

### HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	42	007-1965188

