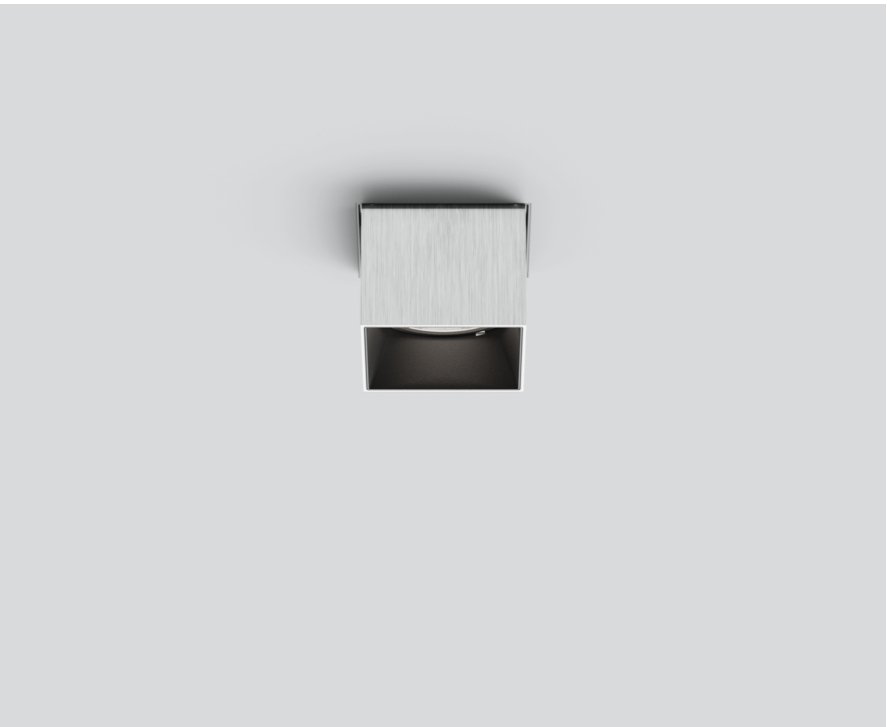


# MOVE IN 45 square

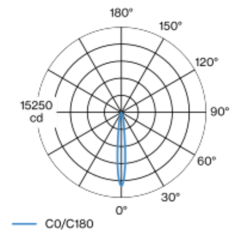
trimless

063-8421416S 063-8832117 002-90722



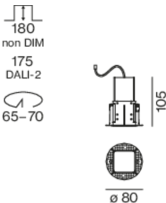
Square spotlight element in aluminium; surface brushed aluminium; installation without tools in mounting set due to patented ball catch system; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 9-25 mm; special mounting tool for easy installation of the trimless housing 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  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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. converter, non dimmable; converter wired secondary side; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



spot 12°			
h (m)	E0° (lx)	ø (m)	
1	13200	0.21	
2	3300	0.42	
3	1500	0.63	
4	800	0.84	
5	500	1.06	

## Product drawing



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling , Semi-Recessed \_\_\_\_\_

brushed aluminium \_\_\_\_\_

IP20 \_\_\_\_\_

1040 lm \_\_\_\_\_

fixture 81 lm/W<sup>1</sup> \_\_\_\_\_

## LED

2700 K \_\_\_\_\_

CRI  $\geq 90$  \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

initial MacAdam  $\leq 2$  SDCM \_\_\_\_\_

R<sub>g</sub>: 99 , R<sub>r</sub>: 91 , R<sub>t(1-15)</sub>: 89 \_\_\_\_\_

MR 0.53 \_\_\_\_\_

MDER 0.48 \_\_\_\_\_

## Optical

spot \_\_\_\_\_

beam angle 12° \_\_\_\_\_

PstLM  $\leq 1.0$  <sup>2</sup> \_\_\_\_\_

SVM  $\leq 0.4$  <sup>2</sup> \_\_\_\_\_

## Electrical

non DIM \_\_\_\_\_

220-240 V \_\_\_\_\_

system 15.0 W \_\_\_\_\_

fixture 12.7 W \_\_\_\_\_

37 Vf \_\_\_\_\_

350 mA \_\_\_\_\_

PC2 \_\_\_\_\_

## Physical

trimless \_\_\_\_\_

diameter 80 mm \_\_\_\_\_

height 105 mm \_\_\_\_\_

0.34 kg \_\_\_\_\_

## Cutout

diameter 65 mm \_\_\_\_\_

min. ceiling thickness 9 mm \_\_\_\_\_

max. ceiling thickness 25 mm \_\_\_\_\_

recessed depth 180 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)

## Installation instructions



## Lighting calculator



# MOVE IN 45 square

trimless

063-8421416S 063-8832117 002-90722



Project / Type	
Notes	
Count / Date	

## 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	31
B13	40
B16	50
B20	62
B25	78
C10	52
C13	67
C16	85
C20	104
C25	130

## Components

### MOUNTING HOUSING trimless

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



### POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
22 W	180-30-21	002-90722



## 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

