# MOVE IN 45 square

trimless

063-8421517M 063-8832117 002-90725



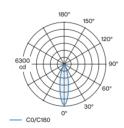
Project / Type
Notes

Count / Date



Square spotlight element in aluminium; surface white powder coated; 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 3000 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 24° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2 220-240V; incl. DALI-2 converter; converter wired secondary side; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

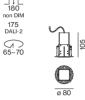
# **Light distribution**



medium	24°
medium	24

h (m)	E0° (lx)	ø (m)
1	6120	0.43
2	1530	0.86
3	680	1.30
4	380	1.73
5	240	2.16

# **Product drawing**



220-240
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#### General

Ceiling, Semi-Recessed	
white, RAL9016 1	
Mounting set traffic white	
IP20	
1270 lm	

#### LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R <sub>g</sub> : 100 , R <sub>f</sub> : 91 , R <sub>{1-15}</sub> : 88
MR 0.59
MDER 0.53

#### Optical

medium	
beam angle 24°	
PstLM ≤ 1.0 <sup>2</sup>	
SVM ≤ 0.4 <sup>2</sup>	

#### **Electrical**

DALI-2	
15.9 W	
inset 13.5 W	
PC2 220-240V	
80 lm/W	
1 DALI Addr.	

## **Physical**

trimless	
diameter 80 mm	
height 105 mm	
0.33 kg	

### Cutout

diameter 65 mm	
min. ceiling thickness 9 mm	
max. ceiling thickness 25 mm	
recessed depth 210 mm	

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

# Installation instructions



Lighting calculator





14.05.2024

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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	<u>1</u>	1	1

# **Circuit Breaker Types**

Automatic Circuit Breaker Type	Number of Fixtures
B10	31
B13	40
B16	50
B20	62
C10	52
C13	67
C16	85
C20	104

# Components

#### **MOUNTING HOUSING trimless**

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

#### POWER SUPPLY

L·W·H (MM)	ARTICLE NUMBER(S)
210·30·21	002-90725

# **Optional electrical accessories**

# DIN RAIL POWER SUPPLY

L·W·H (MM)	ARTICLE NUMBER(S)
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)
iet black	42	007-1965188





<sup>&</sup>lt;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.