

MOVE IN 45 flex round

trimless

063-8221517S 063-8812117 002-90720



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Semi-Recessed _____

tilt max 90° _____

rotation 360° _____

white , RAL 9016 ¹ _____

IP20 _____

1100 lm _____

LED

3000 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 100 , R_f: 91 , R_{f1-15}: 89 _____

MR 0.59 _____

MDER 0.53 _____

Optical

spot _____

beam angle 12° _____

PstLM ≤ 1.0 ² _____

SVM ≤ 0.4 ² _____

Round 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; 360° rotatable and 90° tiltable; 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 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;

Electrical

DALI-2 _____

220-240 V _____

system 15.0 W _____

fixture 12.8 W _____

fixture 86 lm/W³ _____

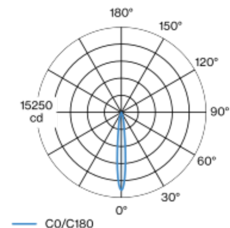
37 Vf _____

350 mA _____

PC2 _____

1 DALI Addr. _____

Light distribution



spot 12°

h (m)	E0° (lx)	ø (m)
1	13900	0.21
2	3500	0.42
3	1500	0.63
4	900	0.84
5	600	1.06

Product drawing



Physical

trimless _____

diameter 75 mm _____

height 106 mm _____

0.54 kg _____

Cutout

diameter 65 mm _____

min. ceiling thickness 9 mm _____

max. ceiling thickness 25 mm _____

recessed depth 195 mm _____

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses & internal control unit losses

Installation instructions



Lighting calculator



MOVE IN 45 flex round

trimless

063-8221517S 063-8812117 002-90720



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 ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Factor	

^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	36
B13	47
B16	58
C10	36
C13	78
C16	58

Components

MOUNTING HOUSING trimless

Ø (MM)	ARTICLE NUMBER(S)
75	063-8812117



POWER SUPPLY

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



Mounting accessories

SPECIAL MOUNTING TOOL

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



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



Optical accessories

HONEYCOMB LOUVER

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



MOVE IN 45 flex round

trimless

063-8221517S 063-8812117 002-90720



Project / Type

Notes

Count / Date

Optical accessories

OVAL LENS

Ø (MM)	ARTICLE NUMBER(S)
42	007-1965880



SOFT LENS

Ø (MM)	ARTICLE NUMBER(S)
42	007-1965980



WALLWASHER LENS

Ø (MM)	ARTICLE NUMBER(S)
42	007-1965780

