

# MOVE IN 45 flex round

trimless

063-8221417M 063-8812117 002-90728



Project / Type

Notes

Count / Date



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



## General

Ceiling | Semi-Recessed  
tilt max 90°  
rotation 360°  
white | RAL 9016 <sup>1</sup>  
Mounting set traffic white  
IP20  
1200 lm

## 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(15)</sub>: 89  
MR 0.53 | MDER 0.48

## Optical

medium | beam angle 24°  
PstLM  $\leq 1.0^2$  3 4 5 | SVM  $\leq 0.4^2$  3 4 5

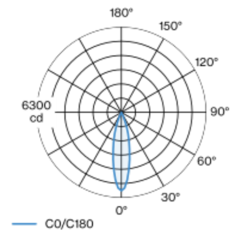
## Electrical

DALI-2 | 1 DALI Addr.  
PC2 | 220-240 V  
system 15.9 W | fixture 13.5 W  
fixture 89 lm/W <sup>6</sup>  
36 Vf | 400 mA

## Physical

trimless  
diameter 75 mm | height 106 mm  
0.53 kg

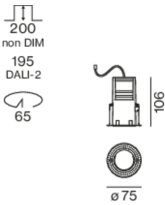
## Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	5780	0.43
2	1440	0.86
3	640	1.30
4	360	1.73
5	230	2.16

## Product drawing



## Cutout

diameter 65 mm  
min. ceiling thickness 9 mm | max. ceiling thickness 25 mm  
recessed depth 195 mm

<sup>1</sup> RAL code <sup>2</sup> oval lens BO 45 007-1965880  
<sup>3</sup> soft lens BO 45 007-1965980  
<sup>4</sup> wallwasher lens BO 45 007-1965780  
<sup>5</sup> Value of containing product at full load (undimmed)  
<sup>6</sup> incl. consideration of optical losses & internal control unit losses

## Installation instructions



## Lighting calculator



# MOVE IN 45 flex round

trimless

063-8221417M 063-8812117 002-90728



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 Factor	

<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

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	75	063-8812117



### POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
197-29-21	002-90728



## 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

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



### DIN RAIL LED DRIVER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
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

063-8221417M 063-8812117 002-90728



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

