

# MOVE IN 45 round

trimless

063-8121418M 063-8812117 002-90724



Project / Type

Notes

Count / Date



Round spotlight element in aluminium; surface black 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 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. converter, non dimmable; converter wired secondary side; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

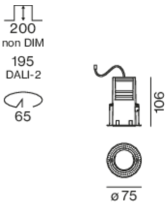
## Light distribution



medium 24°

h (m)	EO° (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



## General

Ceiling | Semi-Recessed

black | RAL 9005 <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>(1-15)</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

non DIM

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

0.51 kg

## Cutout

diameter 65 mm

min. ceiling thickness 9 mm | max. ceiling thickness 25 mm

recessed depth 200 mm

<sup>1</sup> RAL code <sup>2</sup> soft lens BO 45 007-1965980  
<sup>3</sup> oval lens BO 45 007-1965880  
<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 round

trimless

063-8121418M 063-8812117 002-90724



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

## Components

### MOUNTING HOUSING trimless

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



### POWER SUPPLY

L·W·H (MM)	ARTICLE NUMBER(S)
180·30·21	002-90724



## 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 round

trimless

063-8121418M 063-8812117 002-90724



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

