

JUST 45 MOVE IT 25 / 25 S / 45

050-0131018F



Project / Type

Notes

Count / Date



General

Ceiling | Track

tilt max 90°

rotation 360°

black | RAL 9005 ¹

IP20

960 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 | R_f: 90 | R_{f(1-15)}: 87

MR 0.6 | MDER 0.54

Optical

flood | beam angle 44°

PstLM ≤ 1.0^{2 3 4 5} | SVM ≤ 0.4^{2 3 4 5}

Electrical

non DIM

PC3 | 48 V

fixture 10.9 W

fixture 88 lm/W ⁶

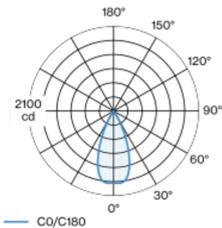
Physical

diameter 45 mm | height 68 mm

0.2 kg

Cylindrical spotlight in aluminium; surface black powder coated; 360° rotatable and 90° tiltable; spotlight can be installed and moved without tools by means of magnetic holders+locking; power supplied via MOVE IT system track profile; hot plug protection; 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; good glare control through recessed light point level; incl. high quality lens system; precise radiation characteristic with 44° beam; degree of protection IP20; PC3; 48 V; non-dimmable; optical attachment available as accessory; accessories are listed separately; light source not replaceable;

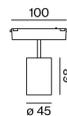
Light distribution



flood 44°

h (m)	E0° (lx)	ø (m)
1	1780	0.82
2	450	1.64
3	200	2.45
4	110	3.27
5	70	4.09

Product drawing



¹ RAL code ² oval lens BO 45 007-1965880

³ wallwasher lens BO 45 007-1965780

⁴ soft lens BO 45 007-1965980

⁵ Value of containing product at full load (undimmed)

⁶ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
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.

Optical accessories

HONEYCOMB LOUVER

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



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

