

TARO 45 downlight

MOVE IT 10 square
030-6710636M



Project / Type _____

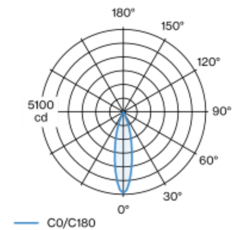
Notes _____

Count / Date _____



Cylindrical spotlight in aluminium; surface lacquered in brushed aluminium; light inset can be installed and moved without tools by means of clip mount; power supplied via MOVE IT system track profile; hot plug protection; passive cooling of the LEDs through improved heat sink geometry; light colour 4000 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; precise radiation characteristic with 24° beam; no multiple shadows; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC3; 48 V; DALI-2 control; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional;

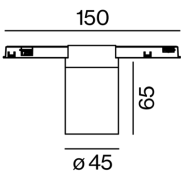
Light distribution



medium 24°

h (m)	EO° (lx)	ø (m)
1	5010	0.43
2	1250	0.86
3	560	1.30
4	310	1.73
5	200	2.16

Product drawing



General

Ceiling / Wall | Track _____

brushed aluminium _____

IP20 _____

1040 lm _____

LED

4000 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 97 | R_f: 90 | R₍₁₋₁₅₎: 89 _____

MR 0.81 | MDER 0.74 _____

Optical

medium | beam angle 24° _____

P_{stLM} ≤ 1.0 ^{1 2 3 4} | SVM ≤ 0.4 ^{1 2 3 4} _____

Electrical

DALI-2 | 1 DALI Addr. _____

PC3 | 48 V _____

fixture 11.0 W _____

fixture 95 lm/W⁵ _____

Physical

diameter 45 mm | height 75 mm _____

0.09 kg _____

¹ soft lens BO 45 007-1965980 ² oval lens BO 45 007-1965880
³ wallwasher lens BO 45 007-1965780
⁴ Value of containing product at full load (undimmed)
⁵ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.89	0.85	0.82
LSF	1	1	1	1	1

MF

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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

