

TARO 45 downlight

MOVE IT 10 round
030-6750434M



Project / Type

Notes

Count / Date



General

Ceiling / Wall | Track

chrome

IP20

1020 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 | R_f: 91 | R₍₁₋₁₅₎: 87

MR 0.52 | MDER 0.47

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 10.9 W

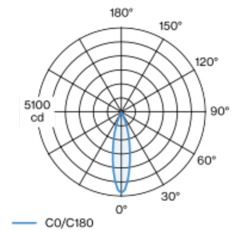
fixture 94 lm/W⁵

Physical

diameter 45 mm | height 75 mm

Cylindrical spotlight in aluminium; surface polished chrome; 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 2700 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;

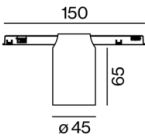
Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	4910	0.43
2	1230	0.86
3	550	1.30
4	310	1.73
5	200	2.16

Product drawing



Installation instructions



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.957	0.921	0.886	0.852	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

TYPE

for BO 45 | JUST 45 | MOVE IN 45 | TARO 45 | TULA micro

COLOUR

jet black

Ø (MM)

42

ARTICLE NUMBER(S)

007-1965188



Optical accessories

OVAL LENS

TYPE

for BO 45 | MOVE IN 45 | TULA micro

Ø (MM)

42

ARTICLE NUMBER(S)

007-1965880



SOFT LENS

TYPE

for ARY | BO 45 | MOVE IN 45 | TULA micro

Ø (MM)

42

ARTICLE NUMBER(S)

007-1965980



WALLWASHER LENS

TYPE

for ARY | BO 45 | MOVE IN 45 | TULA micro

Ø (MM)

42

ARTICLE NUMBER(S)

007-1965780



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Colour rendering



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.