

TARO 45 downlight

MOVE IT 10 square
030-6710434M



Project / Type

Notes

Count / Date



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; DALI-2 control; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional;



General

Ceiling / Wall , Track

chrome

IP20

926 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 , R_f: 91 , R_{1-15}: 89

MR 0.53

MDER 0.48

Optical

Medium

beam angle 24°

Electrical

DALI-2

11.0 W

PC3

84 lm/W

1 DALI Addr.

Physical

diameter 45 mm

height 75 mm

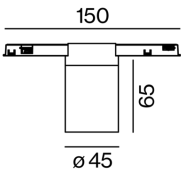
Light distribution



medium 24°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 4460 | 0.43 |
| 2 | 1110 | 0.86 |
| 3 | 500 | 1.30 |
| 4 | 280 | 1.73 |
| 5 | 180 | 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 | 0.96 | 0.92 | 0.89 | 0.85 | 0.82 |
| 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 Faktor |

^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 |

