

TILA 16 adjustable

MOVE IT 10

030-6500434M



Project / Type

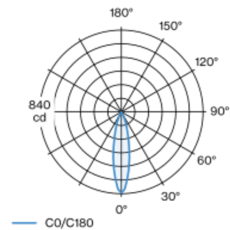
Notes

Count / Date



Decorative spotlight inset made of aluminium; surface polished chrome; 365° rotatable and 135° tiltable; 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 ≤ 3 SDCM; CRI ≥ 90 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; good glare control through recessed light point level; high quality reflector; precise radiation characteristic with 23° beam; no multiple shadows; 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;

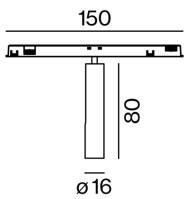
Light distribution



medium 23°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 832 | 0.41 |
| 2 | 208 | 0.81 |
| 3 | 92 | 1.22 |
| 4 | 52 | 1.62 |
| 5 | 33 | 2.03 |

Product drawing



General

Ceiling / Wall , Track

tilt max 135°

rotation 365°

chrome

IP20

174 lm

optical inset 66 lm/W¹

LED

2700 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 , R_r: 91 , R_{t(1-15)}: 89

MR 0.54

MDER 0.49

Optical

medium

beam angle 23°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

48 V

fixture 3.3 W

optical inset 2.6 W

PC3

1 DALI Addr.

Physical

diameter 16 mm

height 80 mm

¹ OPTICAL INSET: incl. consideration of optical losses
² Value of containing product at full load (undimmed)

Installation instructions



TILA 16 adjustable

MOVE IT 10
 030-6500434M



Project / Type

Notes

Count / Date

Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF | 0.97 | 0.94 | 0.91 | 0.88 | 0.85 |
| 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 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.

Mounting accessories

HOOK

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 16 | 030-1000017 |
| jet black | 16 | 030-1000018 |

