

# TILA 16 adjustable

MOVE IT 10  
030-6500435M



Project / Type \_\_\_\_\_

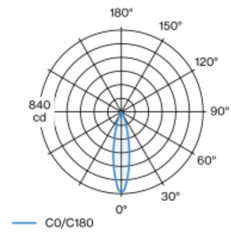
Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



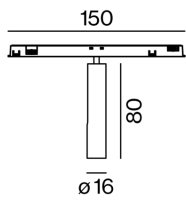
Decorative spotlight inset made of aluminium; surface anodised gun metal; 365° rotatable and 135° tiltable; light inset can be installed and moved without tools by means of clip mount; power supplied via MOVE IT system track profile; hot plug protection; passive cooling of the LEDs through improved heat 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° \_\_\_\_\_

gun metal \_\_\_\_\_

IP20 \_\_\_\_\_

174 lm \_\_\_\_\_

optical inset 66 lm/W <sup>1</sup> \_\_\_\_\_

## LED

2700 K \_\_\_\_\_

CRI ≥ 90 \_\_\_\_\_

L85 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

R<sub>g</sub>: 99 | R<sub>r</sub>: 91 | R<sub>t(1-15)</sub>: 89 \_\_\_\_\_

MR 0.54 | MDER 0.49 \_\_\_\_\_

## Optical

medium | beam angle 23° \_\_\_\_\_

PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

## Electrical

DALI-2 | 1 DALI Addr. \_\_\_\_\_

PC3 | 48 V \_\_\_\_\_

fixture 3.3 W \_\_\_\_\_

optical inset 2.6 W \_\_\_\_\_

## Physical

diameter 16 mm | height 80 mm \_\_\_\_\_

0.04 kg \_\_\_\_\_

<sup>1</sup> incl. consideration of optical losses  
<sup>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



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## 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<sup>a</sup>

LMF × RSMF × LLMF × LSF  
 Maintenance Factor  
 Luminaire Maintenance Factor

RSMF<sup>a</sup>  
LLMF  
LSF

Room Surface Maintenance Factor  
 Lamp Lumens Maintenance Factor  
 Lamp Survival Factor

<sup>a</sup> 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 surface

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

