

# TILA 16 adjustable

MOVE IT 10  
030-6500538M



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

Notes \_\_\_\_\_

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



### General

Ceiling / Wall , Track \_\_\_\_\_

tilt max 135° \_\_\_\_\_

rotation 365° \_\_\_\_\_

jet black , RAL9005 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

150 lm \_\_\_\_\_

### LED

3000 K \_\_\_\_\_

CRI ≥ 90 \_\_\_\_\_

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

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

R<sub>g</sub>: 98 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89 \_\_\_\_\_

MR 0.6 \_\_\_\_\_

MDER 0.55 \_\_\_\_\_

### Optical

medium \_\_\_\_\_

beam angle 23° \_\_\_\_\_

PstLM ≤ 1.0 <sup>2</sup> \_\_\_\_\_

SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

Decorative spotlight inset made of aluminium; surface jet black powder coated; 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 3000 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; DALI-2 control; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional;

### Electrical

DALI-2 \_\_\_\_\_

48 V \_\_\_\_\_

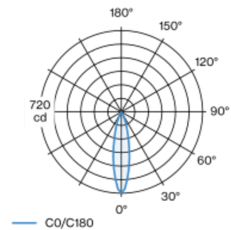
inset 3.3 W \_\_\_\_\_

PC3 \_\_\_\_\_

inset 45 lm/W<sup>3</sup> \_\_\_\_\_

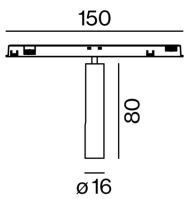
1 DALI Addr. \_\_\_\_\_

### Light distribution



medium 23°			
h (m)	E0° (lx)	ø (m)	
1	717	0.41	
2	179	0.81	
3	80	1.22	
4	45	1.62	
5	29	2.03	

### Product drawing



### Physical

diameter 16 mm \_\_\_\_\_

height 80 mm \_\_\_\_\_

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

### Installation instructions



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.92	0.89	0.86
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 Faktor

<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

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

