

TILA 16 adjustable

MOVE IT 10
030-6500638F



Project / Type _____

Notes _____

Count / Date _____



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 4000 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 31° 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;



General

Ceiling / Wall | Track _____

tilt max 135° _____

rotation 365° _____

jet black | RAL 9005 ¹ _____

IP20 _____

220 lm _____

optical inset 83 lm/W ² _____

LED

4000 K _____

CRI ≥ 90 _____

L85 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

R_g: 94 | R_r: 87 | R_{t(15)}: 90 _____

MR 0.86 | MDER 0.78 _____

Optical

flood | beam angle 31° _____

PstLM ≤ 1.0 ³ | SVM ≤ 0.4 ³ _____

Electrical

DALI-2 | 1 DALI Addr. _____

PC3 | 48 V _____

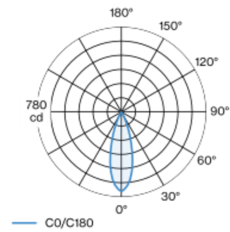
fixture 3.3 W _____

optical inset 2.6 W _____

Physical

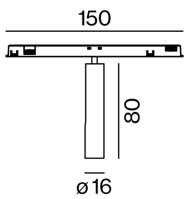
diameter 16 mm | height 80 mm _____

Light distribution



flood 31°		
h (m)	E0° (lx)	ø (m)
1	731	0.56
2	183	1.12
3	81	1.67
4	46	2.23
5	29	2.79

Product drawing



¹ RAL code ² incl. consideration of optical losses
³ 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	0.98	0.95	0.92	0.89	0.86
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.

Mounting accessories

HOOK surface

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

