

TILA 16 adjustable

MOVE IT 10
030-6500638M



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 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)	E0° (lx)	ø (m)
1	894	0.41
2	223	0.81
3	99	1.22
4	56	1.62
5	36	2.03

Product drawing



General

Ceiling / Wall , Track _____

tilt max 135° _____

rotation 365° _____

jet black , RAL 9005 ¹ _____

IP20 _____

187 lm _____

optical inset 71 lm/W² _____

LED

4000 K _____

CRI ≥ 90 _____

L85 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

R_g: 94 , R_r: 87 , R₍₁₋₁₅₎: 90 _____

MR 0.86 _____

MDER 0.78 _____

Optical

medium _____

beam angle 23° _____

PstLM ≤ 1.0 ³ _____

SVM ≤ 0.4 ³ _____

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 RAL code
² OPTICAL INSET: 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 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

