

TILA 16 adjustable

MOVE IT 10
030-6500537M



Project / Type _____

Notes _____

Count / Date _____



Decorative spotlight inset made of aluminium; surface traffic white 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; 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° _____

traffic white , RAL 9016 ¹ _____

IP20 _____

187 lm _____

optical inset 71 lm/W² _____

LED

3000 K _____

CRI ≥ 90 _____

L85 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

R_g: 98 , R_r: 91 , R₍₁₋₁₅₎: 89 _____

MR 0.6 _____

MDER 0.55 _____

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 _____

0.08 kg _____

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

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

