TILA 16 adjustable

030-6500436M



Project / Type

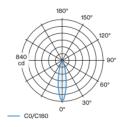
Notes

Count / Date



Decorative spotlight inset made of aluminium; surface lacquered in brushed aluminium; 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;

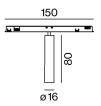
Light distribution



medium 23°

h (m)	E0° (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°
brushed aluminium
IP20
174 lm
optical inset 66 lm/W ¹

LED

2700 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R _q : 99 R _f : 91 R _{f1-151} : 89
MR 0.54 MDER 0.49

Optical

medium beam angle 23°	
PstLM < 1.0 ² SVM < 0.4 ²	

Electrical

DALI-2 1 DALI Addr.
PC3 48 V
fixture 3.3 W
optical inset 2.6 W

Physical

-	
diameter 16 mm height 80 mn	า
0.04 kg	

incl. consideration of optical losses

Installation instructions





01.07.2025

² Value of containing product at full load (undimmed)

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Maintenance Factors

Operatin	g Time [h]	10 000	20 000	30	000	40 000	50 000
LLMF LSF		0.97	<u>0.94</u> 1	<u>0.9</u> 1	91	<u>0.88</u> <u>1</u>	<u>0.85</u> <u>1</u>
MF MF LMF ^a	LMF × RSMF × L Maintenance Fac Luminaire Mainte	ctor		RSMF ^a LLMF LSF		ace Maintenance ens Maintenance val 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





01.07.2025