

# TILA 16 suspended

MOVE IT 10

030-6610538F



Project / Type

Notes

Count / Date



## General

Ceiling , Track Suspended

jet black , RAL 9005 <sup>1</sup>

IP20

220 lm

optical inset 83 lm/W<sup>2</sup>

## LED

3000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

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

MR 0.6

MDER 0.55

## Optical

flood

beam angle 31°

PstLM ≤ 1.0 <sup>3</sup>

SVM ≤ 0.4 <sup>3</sup>

## Electrical

DALI-2

48 V

fixture 3.3 W

fixture 67 lm/W<sup>4</sup>

optical inset 2.6 W

PC3

1 DALI Addr.

## Physical

diameter 16 mm

height 600 mm

1500 mm

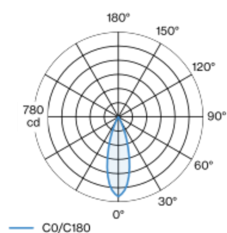
<sup>1</sup> RAL code

<sup>2</sup> OPTICAL INSET: incl. consideration of optical losses

<sup>3</sup> Value of containing product at full load (undimmed)

<sup>4</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

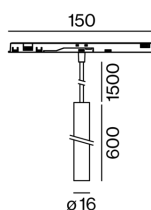
## Light distribution



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



## Installation instructions



## Lighting calculator



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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	LMF × RSMF × LLMF × LSF	RSMF <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	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

