

TILA 16 suspended

MOVE IT 10

030-6610538F



Project / Type

Notes

Count / Date



General

Ceiling , Track Suspended

jet black , RAL 9005 ¹

IP20

220 lm

optical inset 83 lm/W²

LED

3000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 98 , R_r: 91 , R_{f(1-15)}: 89

MR 0.6

MDER 0.55

Optical

flood

beam angle 31°

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 600 mm

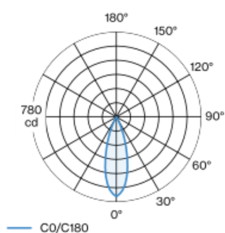
0.3 kg

1500 mm

¹ RAL code ² incl. consideration of optical losses

³ Value of containing product at full load (undimmed)

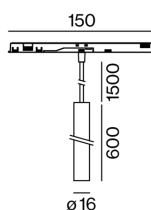
Light distribution



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



[030-6610538F] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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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 ^a | Room Surface Maintenance Factor |
| MF | Maintenance Factor | LLMF | Lamp Lumens Maintenance Factor |
| LMF ^a | Luminaire Maintenance Factor | LSF | 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 |

