

TULA micro suspended

canopy trim

049-5715414F 005-3521018 002-90732



Project / Type

Notes

Count / Date



General

Ceiling , Suspended

chrome

Canopy jet black

IP20

694 lm

LED

2700 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 , R_r: 91 , R_{t(1-15)}: 89

MR 0.54

MDER 0.49

Optical

flood

beam angle 44°

PstLM ≤ 1.0 ¹

SVM ≤ 0.4 ¹

Electrical

non DIM

system 11.3 W

inset 8.4 W

500 mA

PC2 220-240V

system 61 lm/W²

inset 82 lm/W³

Physical

diameter 47 mm

height 500 mm

0.75 kg

Cutout

diameter 65 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 70 mm

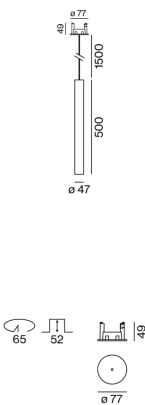
Light distribution



flood 44°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 1290 | 0.82 |
| 2 | 320 | 1.64 |
| 3 | 140 | 2.45 |
| 4 | 80 | 3.27 |
| 5 | 50 | 4.09 |

Product drawing



¹ Value of containing product at full load (undimmed)
² incl. optical losses and the efficiency of the operating device (converter)
³ incl. optical losses

Installation instructions



Lighting calculator



TULA micro suspended

canopy trim

049-5715414F 005-3521018 002-90732



| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |

Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|---|--------|--------|
| LLMF | 0.97 | 0.96 | 0.94 | 0.93 | 0.92 |
| 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 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.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 57 |
| B13 | 75 |
| B16 | 92 |
| B20 | 115 |
| C10 | 57 |
| C13 | 75 |
| C16 | 92 |
| C20 | 115 |

Components

MOUNTING SET with trim

| | | |
|-----------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| jet black | 77 | 005-3521018 |

POWER SUPPLY

| | | |
|------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| 10 W | 65-39-20 | 002-90732 |

Mounting accessories

SPECIAL MOUNTING TOOL

| | | |
|--|--------|-------------------|
| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
| necessary to install mounting housing trimless | 100 | 063-8912110 |

RING CEILING MOUNTED

| | | |
|---------------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 50 | 050-0510217 |
| jet black | 50 | 050-0510218 |

HOOK

| | | |
|---------------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 18 | 050-0510317 |
| jet black | 18 | 050-0510318 |

Optional electrical accessories

DIN RAIL POWER SUPPLY

| | | |
|-------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| 160 W | 72-90-63 | 005-6520210 |

DIN RAIL LED DRIVER

| | | |
|--------------------------------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| DALI-2 200-1050 mA 2 x 42W | 36-88-59 | 005-6121030 |



TULA micro suspended

canopy trim

049-5715414F 005-3521018 002-90732



Project / Type

Notes

Count / Date

Optical accessories

OVAL LENS

| Ø (MM) | ARTICLE NUMBER(S) |
|--------|-------------------|
| 42 | 007-1965880 |



SOFT LENS

| Ø (MM) | ARTICLE NUMBER(S) |
|--------|-------------------|
| 42 | 007-1965980 |



WALLWASHER LENS

| Ø (MM) | ARTICLE NUMBER(S) |
|--------|-------------------|
| 42 | 007-1965780 |

