

# TULA micro suspended

canopy trim

049-5515418M 005-3521018 002-90732



Project / Type

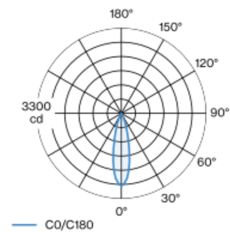
Notes

Count / Date



Decorative suspended luminaire in aluminium; surface black powder coated; pendant fitting with 1500mm suspension; incl. feed (black), can be individually shortened; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; good glare control through recessed light point level; incl. high quality lens system; precise radiation characteristic with 25° beam; degree of protection IP20; PC2; 220-240 V; ceiling recessed canopy with trim jet black; suitable for ceiling thickness of 2-25 mm; incl. converter, non dimmable; external converter for ceiling insertion; light source not replaceable; control gear replaceable by an authorized professional;

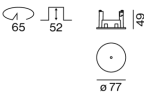
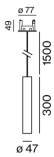
## Light distribution



medium 25°

h (m)	E0° (lx)	ø (m)
1	2800	0.44
2	700	0.89
3	310	1.33
4	180	1.78
5	110	2.22

## Product drawing



## General

Ceiling | Suspended

black | RAL 9005 <sup>1</sup>

Canopy jet black

IP20

648 lm

## LED

2700 K

CRI  $\geq 90$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 99 | R<sub>f</sub>: 91 | R<sub>fl-15</sub>: 89

MR 0.54 | MDER 0.49

## Optical

medium | beam angle 25°

PstLM  $\leq 1.0^2$  <sup>3 4 5</sup> | SVM  $\leq 0.4^2$  <sup>3 4 5</sup>

## Electrical

non DIM

PC2 | 220-240 V

system 11.3 W | fixture 8.4 W

fixture 77 lm/W <sup>6</sup>

18 Vf | 500 mA

## Physical

diameter 47 mm | height 300 mm

0.54 kg

## Cutout

diameter 65 mm

min. ceiling thickness 2 mm | max. ceiling thickness 25 mm

recessed depth 70 mm

<sup>1</sup> RAL code <sup>2</sup> wallwasher lens BO 45 007-1965780

<sup>3</sup> soft lens BO 45 007-1965980 <sup>4</sup> oval lens BO 45 007-1965880

<sup>5</sup> Value of containing product at full load (undimmed)

<sup>6</sup> incl. consideration of optical losses & internal control unit losses

## Installation instructions



## Lighting calculator

