

# TULA micro suspended

canopy trim

049-5715418F 005-3521018 002-90732



Project / Type \_\_\_\_\_

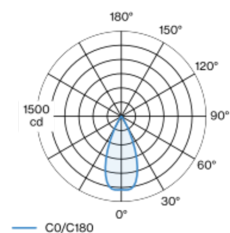
Notes \_\_\_\_\_

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 44° 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;

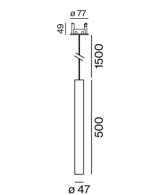
## Light distribution



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



## General

Ceiling | Suspended  
black | RAL 9005 <sup>1</sup>  
Canopy jet black  
IP20  
694 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>ft-15</sub>: 89  
MR 0.54 | MDER 0.49

## Optical

flood | beam angle 44°  
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 82 lm/W <sup>6</sup>  
18 Vf | 500 mA

## 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

<sup>1</sup> RAL code <sup>2</sup> soft lens BO 45 007-1965980  
<sup>3</sup> oval lens BO 45 007-1965880  
<sup>4</sup> wallwasher lens BO 45 007-1965780  
<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

