

# TULA nano suspended

canopy trim

049-5710514M 005-3521018 002-90732



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

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



Decorative suspended luminaire in aluminium; surface polished chrome; 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 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; 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;

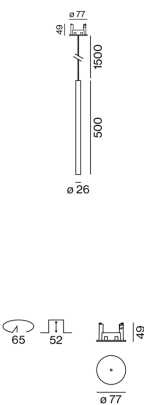
## Light distribution



medium 25°

h (m)	E0° (lx)	ø (m)
1	2790	0.44
2	700	0.89
3	310	1.33
4	170	1.77
5	110	2.22

## Product drawing



## General

Ceiling | Suspended \_\_\_\_\_

chrome \_\_\_\_\_

Canopy jet black \_\_\_\_\_

IP20 \_\_\_\_\_

744 lm \_\_\_\_\_

fixture 82 lm/W <sup>1</sup> \_\_\_\_\_

## LED

3000 K \_\_\_\_\_

CRI  $\geq 90$  \_\_\_\_\_

initial MacAdam  $\leq 3$  SDCM \_\_\_\_\_

R<sub>g</sub>: 100 | R<sub>f</sub>: 91 | R<sub>f(1-15)</sub>: 89 \_\_\_\_\_

MR 0.59 | MDER 0.53 \_\_\_\_\_

## Optical

medium | beam angle 25° \_\_\_\_\_

PstLM  $\leq 1.0$  <sup>2</sup> | SVM  $\leq 0.4$  <sup>2</sup> \_\_\_\_\_

## Electrical

non DIM \_\_\_\_\_

PC2 | 220-240 V \_\_\_\_\_

system 12.1 W | fixture 9.1 W \_\_\_\_\_

18 Vf | 500 mA \_\_\_\_\_

## Physical

diameter 26 mm | height 500 mm \_\_\_\_\_

0.42 kg \_\_\_\_\_

## Cutout

diameter 65 mm \_\_\_\_\_

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

recessed depth 70 mm \_\_\_\_\_

<sup>1</sup> incl. consideration of optical losses & internal control unit losses  
<sup>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator



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## 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

L-W-H (MM)	ARTICLE NUMBER(S)
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

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

### DIN RAIL LED DRIVER

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



[“049-5710514M 005-3521018 002-90732”] The technical data represent rated values for an ambient temperature of 25 °C. 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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## 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

