

TULA micro suspended

canopy trimless

049-5515417F 005-3511017 002-90732



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Suspended
 white , RAL9016 ¹
 Canopy traffic white
 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 ²
 SVM ≤ 0.4 ²

Electrical

non DIM
 11.3 W
 PC2 220-240V
 61 lm/W

Physical

diameter 47 mm
 height 300 mm
 0.14 kg

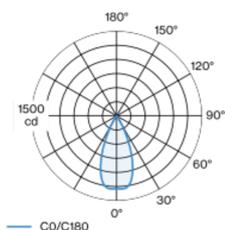
Cutout

diameter 65 mm
 min. ceiling thickness 9 mm
 max. ceiling thickness 25 mm
 recessed depth 70 mm

¹ RAL code ² Value of containing product at full load (undimmed)

Decorative suspended luminaire in aluminium; surface white powder coated; pendant fitting with 1500mm suspension; incl. feed (white), 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 ≤ 3 SDCM; CRI ≥ 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 220-240V; canopy for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 9-25 mm; special mounting tool for easy installation of the trimless housing available as an accessory; accessories are listed separately; 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)	EO° (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



Installation instructions



Lighting calculator



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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
 MF Maintenance Factor
 LMF^a Luminaire Maintenance Factor

RSMF^a Room Surface Maintenance Factor
 LLMF Lamp Lumens 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 trimless

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	75	005-3511017



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	L-W-H (MM)	ARTICLE NUMBER(S)
traffic white	18-13-58	050-5901117
jet black	18-13-58	050-5901118



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)
DALI-2 200-1050 mA 2 x 42W	36-88-59	005-6121030



[049-5515417F 005-3511017 002-90732] The technical data represent rated values for an ambient temperature of 25°C. The luminous flux values 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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