

049-5515414M 005-2602198



Project / Type

Notes

Count / Date



Ceiling | Suspended

chrome

Canopy jet black

IP20

648 lm

2700 K

CRI ≥ 90

L90 / 50

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 | R_f: 91 | R_{1-15}: 89

MR 0.54 | MDER 0.49

medium | beam angle 25°

$$\text{PstLM} \leq 1.0^{1\ 2\ 3\ 4} \mid \text{SVM} \leq 0.4^{1\ 2\ 3\ 4}$$

Casambi

PC2 | 220

system 11.3 W | fix

fixture 77 lm/W⁵

18 Vf | 500 mA

diameter 47 mm | height 300 mm

0.79 kg

A polar plot for the C0/C180 condition. The plot shows a single, narrow, vertical lobe centered at 0 degrees. The radial scale is marked at 3300 cd. The angular scale ranges from 0 to 180 degrees in 30-degree increments.

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



¹ wallwasher lens BO 45 007-1965780

² soft lens BO 45 007-1965980 ³ oval lens BO 45 007-1965880⁴ Value of containing product at full load (undimmed)⁵ incl. consideration of optical losses & internal control unit losses

Installation instructions



Lighting calculator



[049-5515141M 005-2602198'] The technical data represent rated values for an ambient temperature of 25°C. The data values 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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30.06.2025

TULA micro suspended

canopy surface

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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	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^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.

Components

CANOPY

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	115	005-2602198



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



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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

