

ARY cable suspended canopy surface

049-5111418F 005-2602198



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; shades available as accessory in RAL colours velvet beige, madeira brown, kingfisher grey, woodpecker olive, signal white or signal black; accessories are listed separately; 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; 220-240 V; light source not replaceable; control gear replaceable by an authorized professional;

Light distribution



flood 44°		
h (m)	EO ¹ (lx)	ø (m)
1	1280	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 9005¹

Canopy jet black

IP20

688 lm

LED

2700 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

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

MR 0.54 | MDER 0.49

Optical

flood | beam angle 44°

PstLM $\leq 1.0^2$ 3 4 5 | SVM $\leq 0.4^2$ 3 4 5

Electrical

Casambi

PC2 | 220-240 V

system 11.2 W | fixture 8.4 W

fixture 82 lm/W⁶

18 Vf | 500 mA

Physical

suspension 1500 mm

diameter 47 mm | height 110 mm

0.72 kg

¹ RAL code ² oval lens BO 45 007-1965880
³ soft lens BO 45 007-1965980
⁴ wallwasher lens BO 45 007-1965780
⁵ Value of containing product at full load (undimmed)
⁶ incl. consideration of optical losses & internal control unit losses

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	0.95	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

RING CEILING MOUNTED

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	50	050-0510217
jet black	50	050-0510218



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



Other accessories

SPECIAL MOUNTING TOOL

TYPE	Ø (MM)	ARTICLE NUMBER(S)
necessary to install mounting housing trimless	100	063-8912110



[049-5111418F 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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Optical accessories

SHADE 300

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
signal black	300	049-593311B
velvet beige	300	049-593311C
woodpecker olive	300	049-593311G
kingfisher grey	300	049-593311L
madeira brown	300	049-593311T
signal white	300	049-593311W



SHADE 400

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
signal black	400	049-593411B
velvet beige	400	049-593411C
woodpecker olive	400	049-593411G
kingfisher grey	400	049-593411L
madeira brown	400	049-593411T
signal white	400	049-593411W



SHADE 500

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
signal black	500	049-593511B
velvet beige	500	049-593511C
woodpecker olive	500	049-593511G
kingfisher grey	500	049-593511L
madeira brown	500	049-593511T
signal white	500	049-593511W



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

