

ARY rod suspended

canopy trim

049-522151XF 005-3521017 002-90733



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Suspended _____

special colours _____

Canopy traffic white _____

IP20 _____

791 lm _____

LED

3000 K _____

CRI \geq 90 _____

L90 / 50000 h _____

initial MacAdam \leq 3 SDCM _____

R_g: 100 , R_f: 90 , R_(f-15): 87 _____

MR 0.59 _____

MDER 0.54 _____

Optical

flood _____

beam angle 44° _____

PstLM \leq 1.0 ¹ _____

SVM \leq 0.4 ¹ _____

Electrical

DALI-2 _____

11.2 W _____

PC2 220-240V _____

71 lm/W _____

1 DALI Addr. _____

Physical

rod 1500 mm with hook _____

diameter 47 mm _____

height 110 mm _____

0.7 kg _____

Cutout

diameter 65 mm _____

min. ceiling thickness 2 mm _____

max. ceiling thickness 25 mm _____

recessed depth 130 mm _____

¹ Value of containing product at full load (undimmed)

Installation instructions

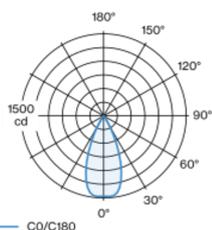


Lighting calculator



Decorative suspended luminaire in aluminium; surface special colours powder coated; height adjustable U-profile pendant rod suspension (special colours) 1500mm, feed 2000mm (1500mm in U-profile), incl. ceiling mounting ring + hook (special colours) for multiple positioning of the luminaire in the room; 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; 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; ceiling recessed canopy with trim traffic white; suitable for ceiling thickness of 2-25 mm; incl. DALI-2 converter; 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	1470	0.82
2	370	1.64
3	160	2.45
4	90	3.27
5	60	4.09

Product drawing



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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 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	80
B13	104
B16	130
B20	162
C10	135
C13	175
C16	220
C20	270

Components

MOUNTING SET with trim

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	77	005-3521017



POWER SUPPLY

L·W·H (MM)	ARTICLE NUMBER(S)
166·30·22	002-90733



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)
DALI-2 200-1050 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



[049-522151XF 005-3521017 002-90733] 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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