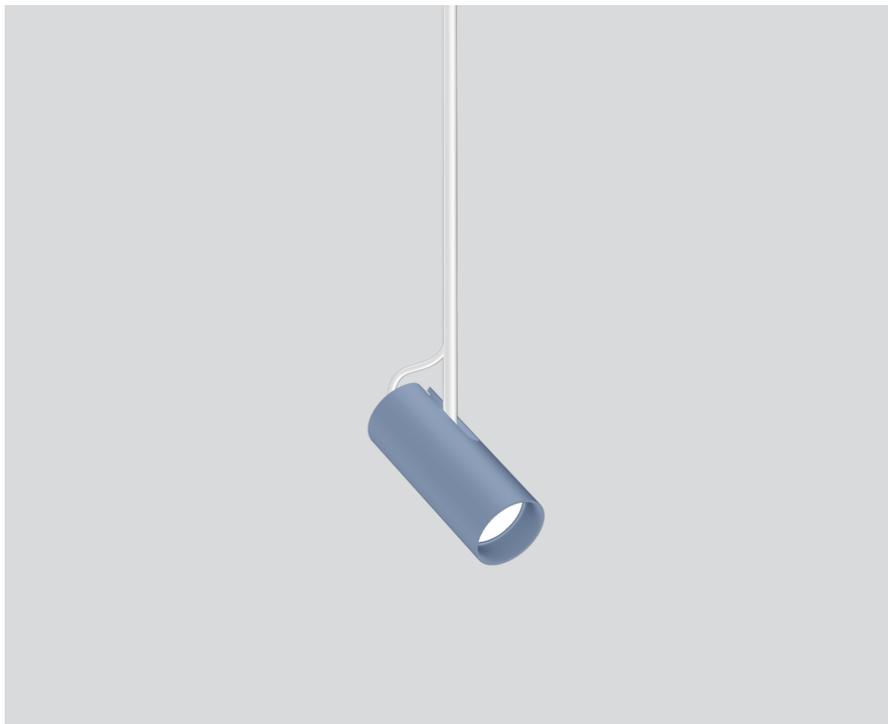


# ARY adjustable rod suspended canopy surface

049-513161XM 005-2601118



Project / Type \_\_\_\_\_  
 Notes \_\_\_\_\_  
 Count / Date \_\_\_\_\_



## General

Ceiling , Suspended \_\_\_\_\_  
 tilt max 90° \_\_\_\_\_  
 rotation 265° \_\_\_\_\_  
 special colours \_\_\_\_\_  
 Canopy jet black \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 739 lm \_\_\_\_\_  
 fixture 88 lm/W<sup>1</sup> \_\_\_\_\_

## LED

4000 K \_\_\_\_\_  
 CRI ≥ 90 \_\_\_\_\_  
 L90 / 50000 h \_\_\_\_\_  
 initial MacAdam ≤ 3 SDCM \_\_\_\_\_  
 R<sub>g</sub>: 99 , R<sub>r</sub>: 89 , R<sub>t(1-15)</sub>: 87 \_\_\_\_\_  
 MR 0.81 \_\_\_\_\_  
 MDER 0.73 \_\_\_\_\_

## Optical

medium \_\_\_\_\_  
 beam angle 25° \_\_\_\_\_

## Electrical

non DIM \_\_\_\_\_  
 220-240 V \_\_\_\_\_  
 system 11.2 W \_\_\_\_\_  
 fixture 8.4 W \_\_\_\_\_  
 18 Vf \_\_\_\_\_  
 500 mA \_\_\_\_\_  
 PC2 \_\_\_\_\_

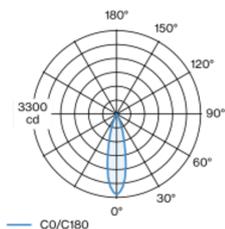
## Physical

rod 1500 mm \_\_\_\_\_  
 diameter 47 mm \_\_\_\_\_  
 height 110 mm \_\_\_\_\_  
 0.61 kg \_\_\_\_\_

<sup>1</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Decorative suspended luminaire in aluminium; surface special colours powder coated; height adjustable U-profile pendant rod suspension (special colours) 1500mm, feed in U-profile; spotlight head 265° rotatable and 90° tiltable; 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 4000 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 25° beam; degree of protection IP20; PC2; 220-240 V; light source not replaceable; control gear replaceable by an authorized professional;

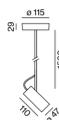
## Light distribution



medium 25°

h (m)	E0° (lx)	ø (m)
1	3200	0.44
2	800	0.89
3	360	1.33
4	200	1.78
5	130	2.22

## 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	0.95	0.93	0.92
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
500 mA   non DIM	jet black	115	005-2601118



### 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

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



[049-513161XM 005-2601118] 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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2 / 3

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## Optical accessories

### OVAL LENS

Ø (MM)  
42

ARTICLE NUMBER(S)  
007-1965880



### SOFT LENS

Ø (MM)  
42

ARTICLE NUMBER(S)  
007-1965980



### WALLWASHER LENS

Ø (MM)  
42

ARTICLE NUMBER(S)  
007-1965780

