

# ARY adjustable rod suspended

canopy trimless

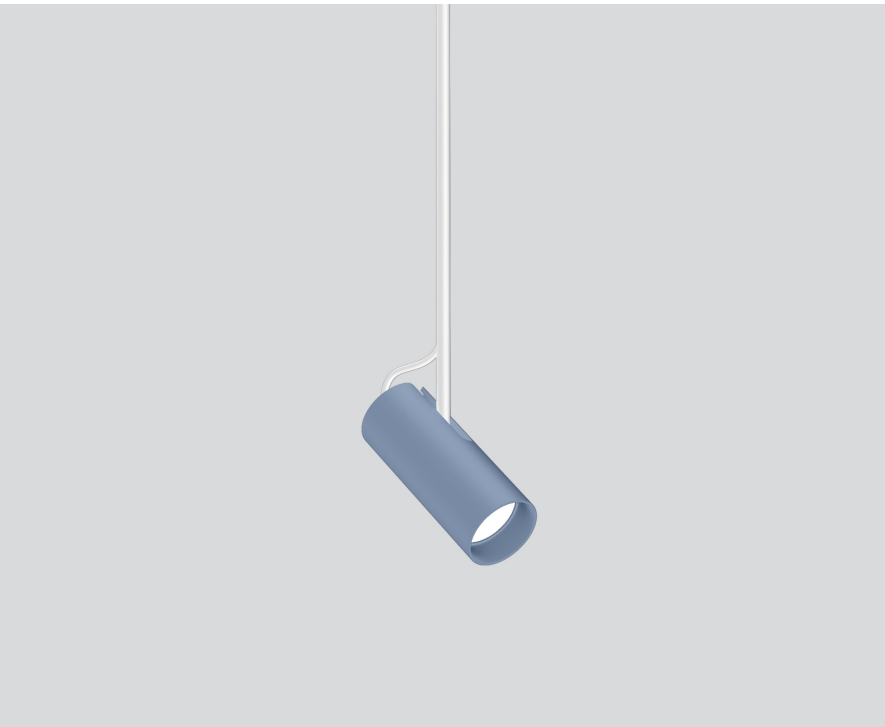
049-513151XM 005-3512017 002-90732



Project / Type

Notes

Count / Date



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 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 25° beam; degree of protection IP20; PC2; 220-240 V; 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; incl. converter, non dimmable; external converter for ceiling insertion; 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



## General

Ceiling   Suspended
tilt max 90°
rotation 265°
special colours
Canopy traffic white
IP20
739 lm

## LED

3000 K
CRI $\geq 90$
L90 / 50000 h
initial MacAdam $\leq 3$ SDCM
R <sub>g</sub> : 100   R <sub>f</sub> : 90   R <sub>t(1-15)</sub> : 87
MR 0.59   MDER 0.54

## Optical

medium   beam angle 25°
PstLM $\leq 1.0$ <sup>1 2 3 4</sup>   SVM $\leq 0.4$ <sup>1 2 3 4</sup>

## Electrical

non DIM
PC2   220-240 V
system 11.2 W   fixture 8.4 W
fixture 88 lm/W <sup>5</sup>
18 Vf   500 mA

## Physical

rod 1500 mm
diameter 47 mm   height 110 mm
0.59 kg

## Cutout

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

<sup>1</sup> soft lens BO 45 007-1965980 <sup>2</sup> oval lens BO 45 007-1965880  
<sup>3</sup> wallwasher lens BO 45 007-1965780  
<sup>4</sup> Value of containing product at full load (undimmed)  
<sup>5</sup> 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 <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 Factor		

<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.

## 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	005-3512017

### POWER SUPPLY

L·W·H (MM)	ARTICLE NUMBER(S)
65-39-20	002-90732

## 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)
2 × 42W   48V DC   UOUT 10–40V	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



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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

