

# ARY rod suspended

canopy trimless

049-512141XM 005-3512017 002-90732



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



## General

Ceiling , Suspended \_\_\_\_\_  
 special colours \_\_\_\_\_  
 Canopy traffic white \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 642 lm \_\_\_\_\_  
 fixture 76 lm/W<sup>1</sup> \_\_\_\_\_

## LED

2700 K \_\_\_\_\_  
 CRI ≥ 90 \_\_\_\_\_  
 L90 / 50000 h \_\_\_\_\_  
 initial MacAdam ≤ 3 SDCM \_\_\_\_\_  
 R<sub>g</sub>: 99 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89 \_\_\_\_\_  
 MR 0.54 \_\_\_\_\_  
 MDER 0.49 \_\_\_\_\_

## Optical

medium \_\_\_\_\_  
 beam angle 25° \_\_\_\_\_  
 PstLM ≤ 1.0<sup>2</sup> \_\_\_\_\_  
 SVM ≤ 0.4<sup>2</sup> \_\_\_\_\_

## 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 \_\_\_\_\_  
 0.59 kg \_\_\_\_\_

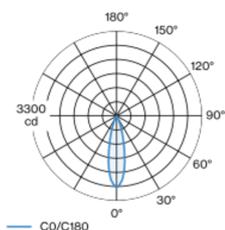
## Cutout

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

<sup>1</sup> incl. consideration of optical losses & internal control unit losses

<sup>2</sup> Value of containing product at full load (undimmed)

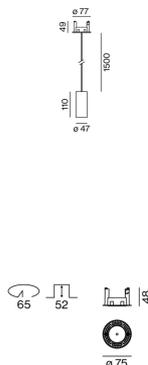
## Light distribution



medium 25°

h (m)	E0° (lx)	ø (m)
1	2780	0.44
2	690	0.89
3	310	1.33
4	170	1.78
5	110	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  
 MF Maintenance Factor  
 LMF<sup>a</sup> Luminaire Maintenance Factor  
 RSMF<sup>a</sup> Room Surface Maintenance Factor  
 LLMF Lamp Lumens 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.

## 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

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

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



[049-512141XM 005-3512017 002-90732] 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

### 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

