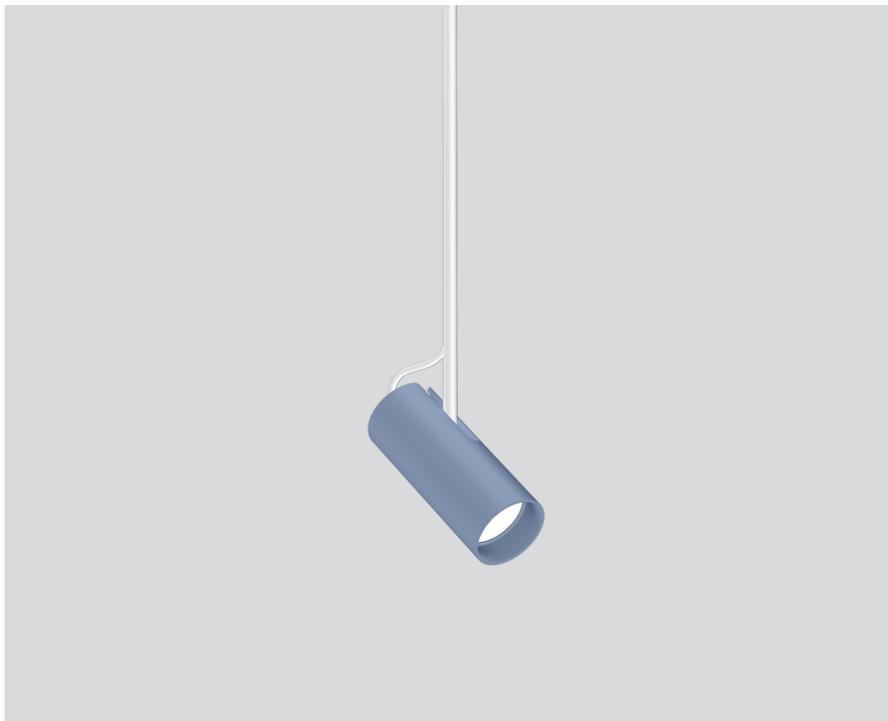


ARY adjustable rod suspended canopy surface

049-523141XF 005-2602118



Project / Type _____
 Notes _____
 Count / Date _____



General

Ceiling , Suspended _____
 tilt max 90° _____
 rotation 265° _____
 special colours _____
 Canopy jet black _____
 IP20 _____
 688 lm _____
 fixture 82 lm/W¹ _____

LED

2700 K _____
 CRI ≥ 90 _____
 L90 / 50000 h _____
 initial MacAdam ≤ 3 SDCM _____
 R_g: 99 , R_r: 91 , R_{f(1-15)}: 89 _____
 MR 0.54 _____
 MDER 0.49 _____

Optical

flood _____
 beam angle 44° _____

Electrical

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

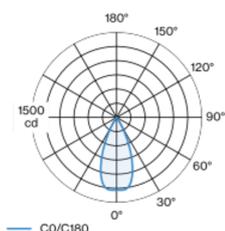
Physical

rod 1500 mm with hook _____
 diameter 47 mm _____
 height 110 mm _____
 0.66 kg _____

¹ incl. consideration of optical losses & internal control unit losses

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; 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 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;

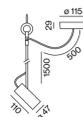
Light distribution



flood 44°

| h (m) | E0 ² (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



Installation instructions



Lighting calculator



ARY adjustable rod suspended canopy surface

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Project / Type

Notes

Count / Date

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

| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|------------------|-----------|--------|-------------------|
| 500 mA non DIM | jet black | 115 | 005-2602118 |



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 |



[049-523141XF 005-2602118] 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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30.04.2025

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Project / Type

Notes

Count / Date

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

