

ARY rod suspended canopy surface

049-522151XF 005-2602138



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Suspended _____
 special colours _____
 Canopy jet black _____
 IP20 _____
 791 lm _____

LED

3000 K _____
 CRI \geq 90 _____
 L90 / 50000 h _____
 initial MacAdam \leq 3 SDCM _____
 $R_g: 100, R_f: 90, R_{f(1-15)}: 87$ _____
 MR 0.59 _____
 MDER 0.54 _____

Optical

flood _____
 beam angle 44° _____

Electrical

DALI-2 _____
 system 11.2 W _____
 inset 8.4 W _____
 500 mA _____
 PC2 220-240V _____
 system 71 lm/W¹ _____
 inset 94 lm/W² _____
 1 DALI Addr. _____

Physical

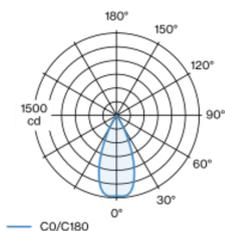
rod 1500 mm with hook _____
 diameter 47 mm _____
 height 110 mm _____
 0.64 kg _____

¹ incl. optical losses and the efficiency of the operating device (converter)

² incl. optical 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; 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; light source not replaceable; control gear replaceable by an authorized professional;

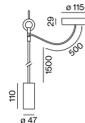
Light distribution



flood 44°

| h (m) | E0 ² (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



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^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.

Components

CANOPY

| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|-----------------|-----------|--------|-------------------|
| 500 mA DALI-2 | jet black | 115 | 005-2602138 |



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 |



[049-522151XF 005-2602138] 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

