

# ARY rod suspended canopy surface

049-5221518M 005-2602118



Project / Type

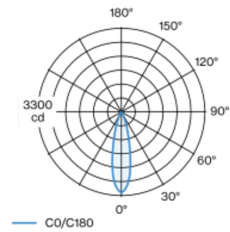
Notes

Count / Date



Decorative suspended luminaire in aluminium; surface black powder coated; height adjustable U-profile pendant rod suspension (black) 1500mm, feed 2000mm (1500mm in U-profile), incl. ceiling mounting ring + hook (black) 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 25° beam; degree of protection IP20; PC2 220-240V; light source not replaceable; control gear replaceable by an authorized professional;

## Light distribution



medium 25°

| h (m) | EO° (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

black , RAL9005 <sup>1</sup>

Canopy jet black

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>f(1-15)</sub>: 87

MR 0.59

MDER 0.54

## Optical

medium

beam angle 25°

## Electrical

non DIM

system 11.2 W

inset 8.4 W

500 mA

PC2 220-240V

system 66 lm/W<sup>2</sup>

inset 88 lm/W<sup>3</sup>

## Physical

rod 1500 mm with hook

diameter 47 mm

height 110 mm

0.66 kg

<sup>1</sup> RAL code

<sup>2</sup> incl. optical losses and the efficiency of the operating device (converter)

<sup>3</sup> incl. optical 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 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    | 005-2602118       |



## 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       |



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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       |

