

# ARY adjustable rod suspended canopy surface

049-5231618F 005-2602198



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; 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 4000 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) | EO° (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



## General

Ceiling , Suspended

tilt max 90°

rotation 265°

black , RAL 9005 <sup>1</sup>

Canopy jet black

IP20

791 lm

fixture 94 lm/W<sup>2</sup>

## LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 89 , R<sub>t(1-15)</sub>: 87

MR 0.81

MDER 0.73

## Optical

flood

beam angle 44°

PstLM ≤ 1.0 <sup>3</sup>

SVM ≤ 0.4 <sup>3</sup>

## Electrical

Casambi

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

0.5 kg

<sup>1</sup> RAL code

<sup>2</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

<sup>3</sup> Value of containing product at full load (undimmed)

## 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   Casambi | jet black | 115    | 005-2602198       |



## 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       |

