

# ARY adjustable rod suspended canopy surface

049-513161XM 005-2601197



Project / Type

Notes

Count / Date



Decorative suspended luminaire in aluminium; surface special colours powder coated; height adjustable U-profile pendant rod suspension (special colours) 1500mm, feed in U-profile; spotlight head 265° rotatable and 90° tilt; 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 25° beam; degree of protection IP20; PC2; 220-240 V; 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

tilt max 90°

rotation 265°

special colours

Canopy traffic white

IP20

739 lm

fixture 88 lm/W<sup>1</sup>

### LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

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

MR 0.81

MDER 0.73

### Optical

medium

beam angle 25°

PstLM ≤ 1.0<sup>2</sup>

SVM ≤ 0.4<sup>2</sup>

### Electrical

Casambi

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

0.45 kg

<sup>1</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>2</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

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.

## Components

### CANOPY

| TYPE             | COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
|------------------|---------------|--------|-------------------|
| 500 mA   Casambi | traffic white | 115    | 005-2601197       |



## 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       |

