

ARY adjustable rod suspended canopy surface

049-523151XM 005-2602118



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 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 3000 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) | E0° (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 jet black

IP20

739 lm

LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 100 | R_f: 90 | R_{t(1-15)}: 87

MR 0.59 | MDER 0.54

Optical

medium | beam angle 25°

Electrical

non DIM

PC2 | 220-240 V

system 11.2 W | fixture 8.4 W

fixture 88 lm/W¹

18 Vf | 500 mA

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

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 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 for cable suspension

| | | |
|-----------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| 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

| | |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 72-90-63 | 005-6520210 |



DIN RAIL LED DRIVER

| | |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 36-88-59 | 005-6121030 |



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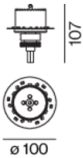
Notes

Count / Date

Other accessories

SPECIAL MOUNTING TOOL

| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
|---|--------|-------------------|
| for ARY MOVE IN 45 NOBA trimless TULA | 100 | 063-8912110 |



Optical accessories

OVAL LENS

| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
|-------------------------------------|--------|-------------------|
| for BO 45 MOVE IN 45 TULA micro | 42 | 007-1965880 |



SOFT LENS

| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
|---|--------|-------------------|
| for ARY BO 45 MOVE IN 45 TULA micro | 42 | 007-1965980 |

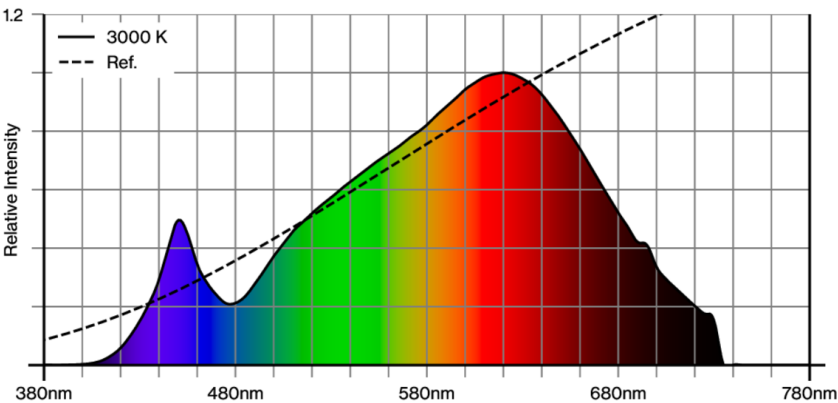


WALLWASHER LENS

| TYPE | Ø (MM) | ARTICLE NUMBER(S) |
|---|--------|-------------------|
| for ARY BO 45 MOVE IN 45 TULA micro | 42 | 007-1965780 |



Colour rendering



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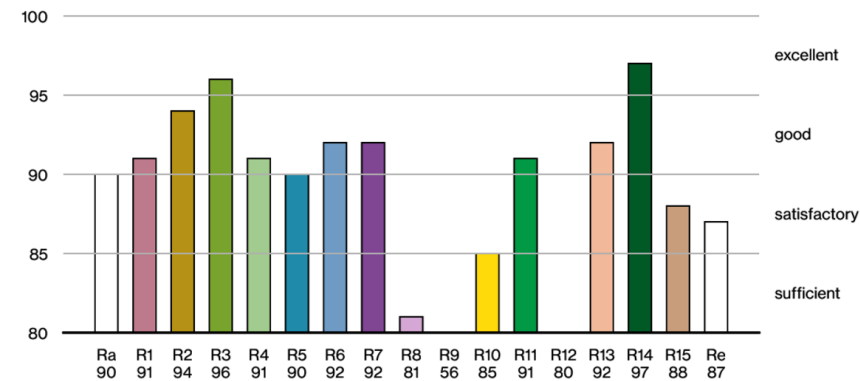


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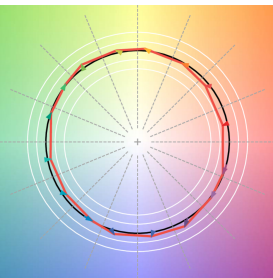
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CRI/R_a ≥ 91 R_e ≥ 87 (3000 K)



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.