

ARY cable suspended

canopy trim

049-521141XF 005-3521018 002-90733



| |
|----------------|
| Project / Type |
| Notes |
| Count / Date |



General

| |
|------------------------------|
| Ceiling , Suspended |
| special colours |
| Canopy jet black |
| IP20 |
| 688 lm |
| fixture 82 lm/W ¹ |

LED

| |
|--|
| 2700 K |
| CRI ≥ 90 |
| L90 / 50000 h |
| initial MacAdam ≤ 3 SDCM |
| R _g : 99 , R _f : 91 , R ₍₁₋₁₅₎ : 89 |
| MR 0.54 |
| MDER 0.49 |

Optical

| |
|--------------------------|
| flood |
| beam angle 44° |
| PstLM ≤ 1.0 ² |
| SVM ≤ 0.4 ² |

Electrical

| |
|---------------|
| DALI-2 |
| 220-240 V |
| system 11.2 W |
| fixture 8.4 W |
| 18 Vf |
| 500 mA |
| PC2 |
| 1 DALI Addr. |

Physical

| |
|------------------------------|
| suspension 2000 mm with hook |
| diameter 47 mm |
| height 110 mm |
| 0.6 kg |

Cutout

| |
|------------------------------|
| diameter 65 mm |
| min. ceiling thickness 2 mm |
| max. ceiling thickness 25 mm |
| recessed depth 130 mm |

¹ incl. consideration of optical losses & internal control unit losses
² Value of containing product at full load (undimmed)

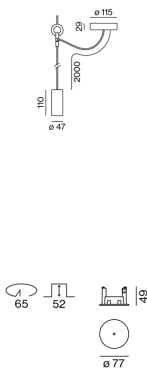
Light distribution



flood 44°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 1280 | 0.82 |
| 2 | 320 | 1.64 |
| 3 | 140 | 2.45 |
| 4 | 80 | 3.27 |
| 5 | 50 | 4.09 |

Product drawing



Installation instructions



Lighting calculator



ARY cable suspended

canopy trim

049-521141XF 005-3521018 002-90733



Project / Type

Notes

Count / Date

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.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 80 |
| B13 | 104 |
| B16 | 130 |
| B20 | 162 |
| C10 | 135 |
| C13 | 175 |
| C16 | 220 |
| C20 | 270 |

Components

MOUNTING SET with trim

| | | |
|-----------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| jet black | 77 | 005-3521018 |

POWER SUPPLY

| | | |
|------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| 10 W | 166-30-22 | 002-90733 |

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 |



ARY cable suspended

canopy trim

049-521141XF 005-3521018 002-90733



Project / Type

Notes

Count / Date

Optical accessories

SHADE 300

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|------------------|--------|-------------------|
| signal black | 300 | 049-593311B |
| velvet beige | 300 | 049-593311C |
| woodpecker olive | 300 | 049-593311G |
| kingfisher grey | 300 | 049-593311L |
| madeira brown | 300 | 049-593311T |
| signal white | 300 | 049-593311W |



SHADE 400

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|------------------|--------|-------------------|
| signal black | 400 | 049-593411B |
| velvet beige | 400 | 049-593411C |
| woodpecker olive | 400 | 049-593411G |
| kingfisher grey | 400 | 049-593411L |
| madeira brown | 400 | 049-593411T |
| signal white | 400 | 049-593411W |



SHADE 500

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|------------------|--------|-------------------|
| signal black | 500 | 049-593511B |
| velvet beige | 500 | 049-593511C |
| woodpecker olive | 500 | 049-593511G |
| kingfisher grey | 500 | 049-593511L |
| madeira brown | 500 | 049-593511T |
| signal white | 500 | 049-593511W |



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 |

