



Project / Type

Notes

Count / Date



| |
|---------------------------------------|
| General |
| Ceiling , Track |
| tilt max 310° |
| rotation 360° |
| white , RAL9016 ¹ |
| IP20 |
| 508 ² -862 ³ lm |

| |
|--|
| LED |
| 4000 K |
| CRI ≥ 95 |
| L90 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 98 , R _f : 91 , R ₍₁₋₁₅₎ : 95 |
| MR 0.85 |
| MDER 0.77 |

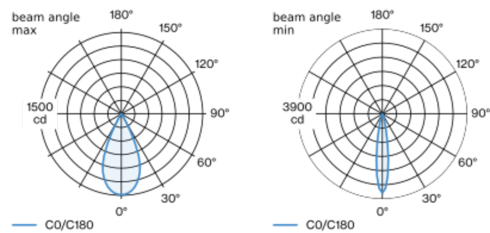
| |
|---|
| Optical |
| focus |
| beam angle 17° ² -47° ³ |
| PstLM ≤ 1.0 ⁴ |
| SVM ≤ 0.4 ⁴ |

Track light made of die-cast aluminium; surface white powder coated; 360° rotatable and 310° tiltable; converter installed in aluminium spotlight housing; 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 ≤ 2 SDCM; CRI ≥ 95; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality plano-convex glass lens; precise object focusing through adjustable lens; adjustable beam angle of 17° - 47°; focusing by means of rubberised adjusting ring on the spotlight head; degree of protection IP20; PC1 220-240V; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation by means of set screw; incl. converter, dimmable with integrated potentiometer; point outlet, either in surface mounted housing or recessed housing, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

| |
|---------------------------------------|
| Electrical |
| DIM POTI |
| 14.0 W |
| PC1 220-240V |
| 36 ² -62 ³ lm/W |

| |
|---------------------------|
| Physical |
| diameter 70 mm |
| height 106 mm |
| 0.9 kg |
| set screw (tool required) |

Light distribution



| h (m) | E0° (lx) | ø (m) | h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|-------|----------|-------|
| 1 | 1490 | 0.87 | 1 | 3630 | 0.30 |
| 2 | 370 | 1.74 | 2 | 910 | 0.60 |
| 3 | 170 | 2.60 | 3 | 400 | 0.89 |
| 4 | 90 | 3.47 | 4 | 230 | 1.19 |
| 5 | 60 | 4.34 | 5 | 150 | 1.49 |

Product drawing



¹ RAL code ² beam angle min ³ beam angle max
⁴ 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 | 0.95 | 0.93 | 0.91 | 0.9 |
| 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 Faktor | |

^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 | 31 |
| B13 | 40 |
| B16 | 50 |
| B20 | 62 |
| B25 | 78 |
| C10 | 52 |
| C13 | 67 |
| C16 | 85 |
| C20 | 104 |
| C25 | 130 |

Mounting accessories

RECESSED HOUSING

| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|--------------|---------------|--------|-------------------|
| point outlet | traffic white | 151 | 186-072277 |
| point outlet | jet black | 151 | 186-072278 |



SURFACE HOUSING

| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|--------------|---------------|--------|-------------------|
| point outlet | traffic white | 120 | 186-072287 |
| point outlet | jet black | 120 | 186-072288 |



Optical accessories

SNOOT

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|-----------|--------|-------------------|
| jet black | 62 | 080-5900008 |



HONEYCOMB LOUVER

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|-----------|--------|-------------------|
| jet black | 61 | 080-5900018 |

