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



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 ≥ 90 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. exchangeable additional lenses; precise radiation characteristics with different beam angles; optical filter available as accessory; degree of protection IP20; PC1; 220-240 V; 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;



General

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| Ceiling , Track |
| tilt max 310° |
| rotation 360° |
| white , RAL 9016 ¹ |
| IP20 |
| 957 ² , 979 ³ , 1030 ⁴ , 1050 ⁵ , 1090 ⁶ , 1090 ⁷ lm |

LED

| |
|--|
| 4000 K |
| CRI ≥ 90 |
| L85 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 94 , R _f : 87 , R ₍₁₋₁₅₎ : 90 |
| MR 0.86 |
| MDER 0.78 |

Optical

| |
|---|
| wide flood ² , medium ³ , flood ⁴ , flood ⁵ , super spot ⁶ , spot ⁷ |
| beam angle 64° ² , 30° ³ , 38° ⁴ , 40° ⁵ , 10° ⁶ , 19° ⁷ |
| PstLM ≤ 1.0 ^{3 6 7 4 2 5 8} |
| SVM ≤ 0.4 ^{3 6 7 4 2 5 8} |

Electrical

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|--|
| DIM POTI |
| 220-240 V |
| system 14.7 W |
| system 65 ² , 67 ³ , 70 ⁴ , 71 ⁵ , 74 ⁶ , 74 ⁷ lm/W ⁹ |
| PC1 |

Physical

| |
|---------------------------|
| diameter 70 mm |
| height 98 mm |
| 0.92 kg |
| set screw (tool required) |

¹ RAL code ² 64 degrees ³ 30 degrees ⁴ 38 degrees
⁵ 40 degrees ⁶ 10 degrees ⁷ 19 degrees
⁸ Value of containing product at full load (undimmed)
⁹ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



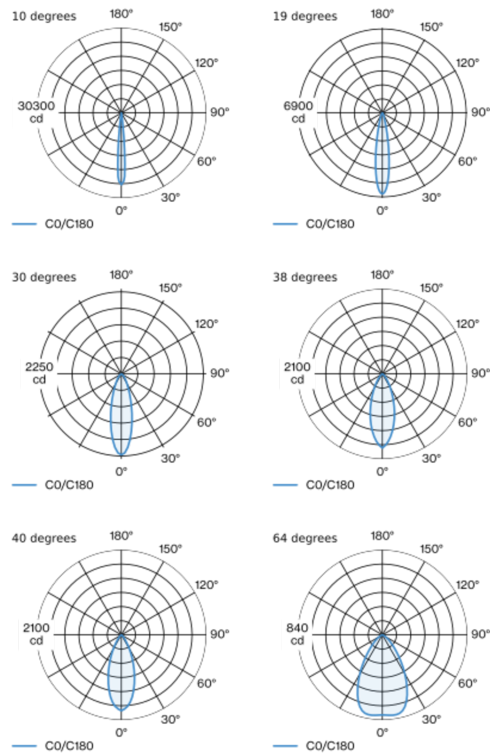


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Light distribution



super spot 10°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 25600 | 0.18 |
| 2 | 6400 | 0.36 |
| 3 | 2800 | 0.53 |
| 4 | 1600 | 0.71 |
| 5 | 1000 | 0.89 |

spot 19°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 6650 | 0.33 |
| 2 | 1660 | 0.65 |
| 3 | 740 | 0.98 |
| 4 | 420 | 1.31 |
| 5 | 270 | 1.63 |

medium 30°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 2220 | 0.54 |
| 2 | 560 | 1.08 |
| 3 | 250 | 1.63 |
| 4 | 140 | 2.17 |
| 5 | 90 | 2.71 |

flood 38°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 1830 | 0.69 |
| 2 | 460 | 1.37 |
| 3 | 200 | 2.06 |
| 4 | 110 | 2.75 |
| 5 | 70 | 3.43 |

flood 40°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 1870 | 0.72 |
| 2 | 470 | 1.44 |
| 3 | 210 | 2.16 |
| 4 | 120 | 2.88 |
| 5 | 70 | 3.60 |

wide flood 64°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 790 | 1.24 |
| 2 | 198 | 2.48 |
| 3 | 88 | 3.72 |
| 4 | 49 | 4.96 |
| 5 | 32 | 6.19 |

Product drawing

