Ceiling

# Roll CH0207

Surface luminaire



Surface luminaire. 8 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. IP65. 97 CRI.

- LED source: Citizen

| | | |
|---|---|---|
| Power<br>**8 W** | Voltage<br>**230 V AC** | Luminous flux<br>**630 lm** |
| Colour temperature<br>**2700 K, 3000 K, 4000 K** | CRI<br>**97 CRI** | Beam angles<br>**15°, 24°, 36°, 50°** |
| IP rating<br>**IP65** | Certifications<br>**CE** | Mounting<br>**Surface** |
| Control<br>**Triac, DALI, 0-10V** | Finishes<br>**Black** | |

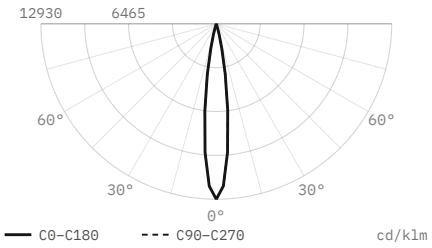
# Models

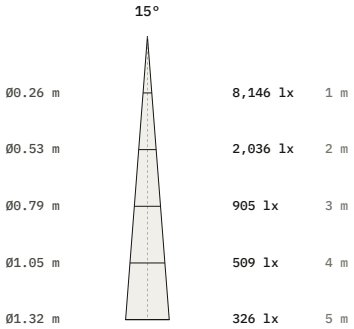
| Code | Power | Voltage | Flux | CRI | Size | Beam |
|---|---|---|---|---|---|---|
| **CH0207** | 8 W | 230 V AC | 630 lm | 97 CRI | 70 × 70 × 120 mm | 15° 24° 36° 50° |

# Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CH0207, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

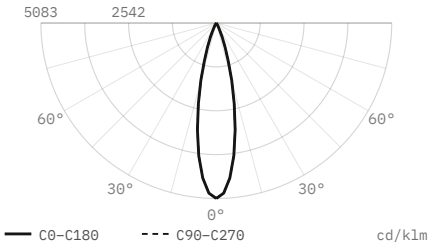
## CH0207, 8 W, 15° beam

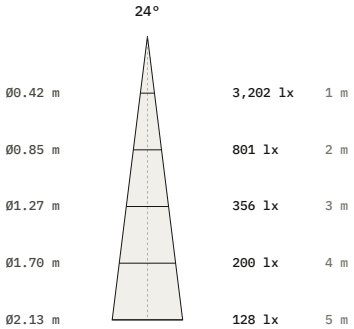



| | |
|---|---|
| Luminous flux | 630 lm |
| Efficacy | 79 lm/W |
| Peak intensity | 8,146 cd, 12,930 cd/klm |
| Beam angle (50%) | 15° |
| Field angle (10%) | 27.3° |
| Cut-off angle (2.5%) | 17° |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 % |
| Size | 70 × 70 × 120 mm |
| Data | Calculated from catalogue data |

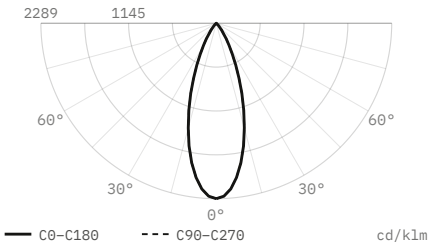
## CH0207, 8 W, 24° beam

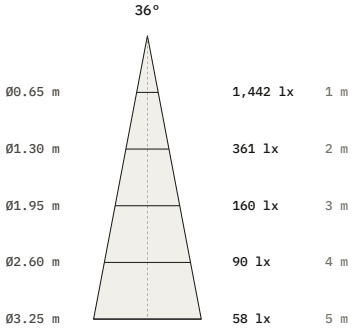



| | |
|---|---|
| Luminous flux | 630 lm |
| Efficacy | 79 lm/W |
| Peak intensity | 3,202 cd, 5,083 cd/klm |
| Beam angle (50%) | 24° |
| Field angle (10%) | 43.7° |
| Cut-off angle (2.5%) | 27.5° |
| Flux 0–30° / 30–60° / 60–90° | 98.7 / 1.3 / 0 % |
| Size | 70 × 70 × 120 mm |
| Data | Calculated from catalogue data |

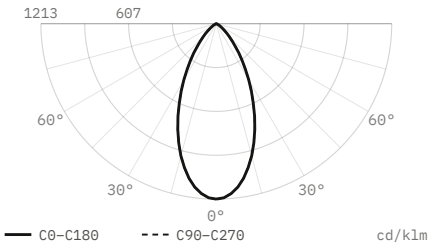
## CH0207, 8 W, 36° beam

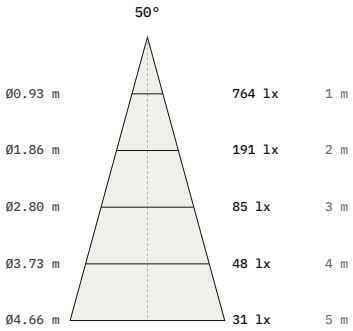



| | |
|---|---|
| Luminous flux | 630 lm |
| Efficacy | 79 lm/W |
| Peak intensity | 1,442 cd, 2,289 cd/klm |
| Beam angle (50%) | 36° |
| Field angle (10%) | 65.6° |
| Cut-off angle (2.5%) | 41.5° |
| Flux 0–30° / 30–60° / 60–90° | 86.1 / 13.9 / 0 % |
| Size | 70 × 70 × 120 mm |
| Data | Calculated from catalogue data |

## CH0207, 8 W, 50° beam




| | |
|---|---|
| Luminous flux | 630 lm |
| Efficacy | 79 lm/W |
| Peak intensity | 764 cd, 1,213 cd/klm |
| Beam angle (50%) | 50° |
| Field angle (10%) | 91.1° |
| Cut-off angle (2.5%) | 57.5° |
| Flux 0–30° / 30–60° / 60–90° | 64.8 / 33.6 / 1.5 % |
| Size | 70 × 70 × 120 mm |
| Data | Calculated from catalogue data |

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Technical data may change without notice.