

Surface

# Roll CH0212

Surface luminaire



Surface luminaire. 5 W. Four beam angles, 15° to 50°. — LED source: Citizen  
2700, 3000, 4000 K. 97 CRI.

|                                              |                      |                                   |
|----------------------------------------------|----------------------|-----------------------------------|
| Power<br>5 W                                 | Voltage<br>230 V AC  | Luminous flux<br>400 lm           |
| Colour temperature<br>2700 K, 3000 K, 4000 K | CRI<br>97 CRI        | Beam angles<br>15°, 24°, 36°, 50° |
| IP rating<br>IP20                            | Certifications<br>CE | Mounting<br>Surface               |
| Finishes<br>Black                            |                      |                                   |

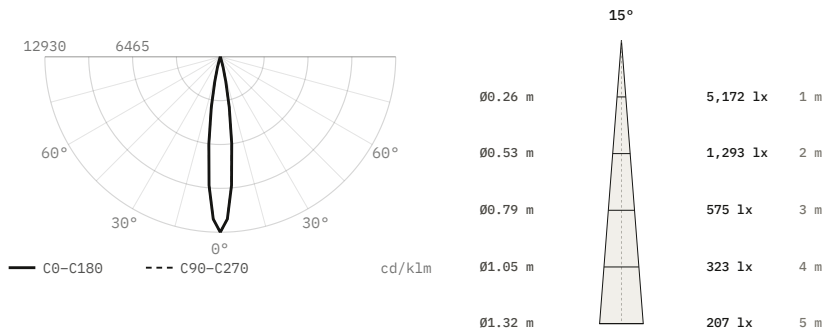
Models

| Code   | Power | Voltage  | Flux   | CRI    | Size            | Beam            |
|--------|-------|----------|--------|--------|-----------------|-----------------|
| CH0212 | 5 W   | 230 V AC | 400 lm | 97 CRI | 40 × 40 × 70 mm | 15° 24° 36° 50° |

# Photometry

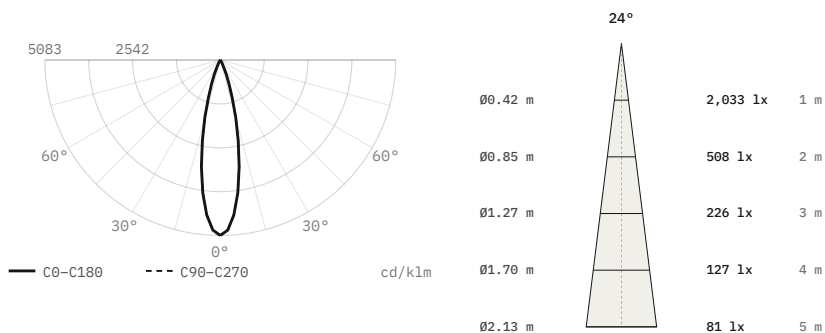
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CH0212, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

## CH0212, 5 W, 15° beam



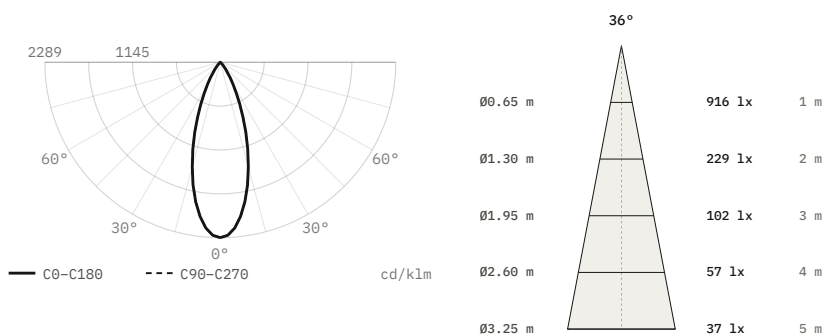
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 400 lm                         |
| Efficacy                     | 80 lm/W                        |
| Peak intensity               | 5,172 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                         | 40 × 40 × 70 mm                |
| Data                         | Calculated from catalogue data |

## CH0212, 5 W, 24° beam



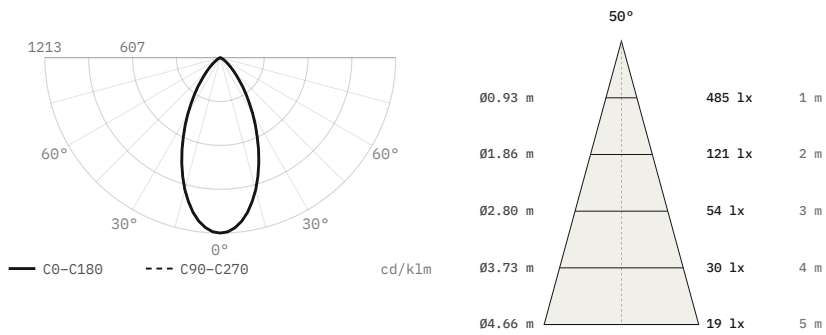
|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 400 lm                         |
| Efficacy                     | 80 lm/W                        |
| Peak intensity               | 2,033 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                         | 40 × 40 × 70 mm                |
| Data                         | Calculated from catalogue data |

## CH0212, 5 W, 36° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 400 lm                         |
| Efficacy                     | 80 lm/W                        |
| Peak intensity               | 916 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                         | 40 × 40 × 70 mm                |
| Data                         | Calculated from catalogue data |

CH0212, 5 W, 50° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 400 lm                         |
| Efficacy                     | 80 lm/W                        |
| Peak intensity               | 485 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                         | 40 × 40 × 70 mm                |
| Data                         | Calculated from catalogue data |