

Surface

# Robo Zoom CH0177

Surface luminaire

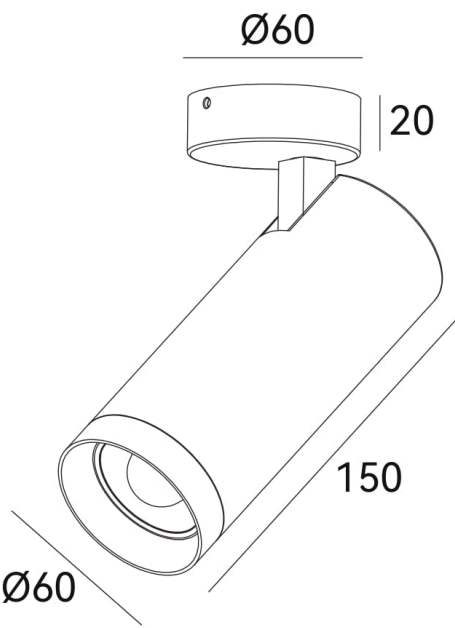


Surface luminaire. 15 W. 15° or 60° beam. 2700, 3000, 4000 K. 97 CRI.

— LED source: Citizen

|                                                     |                             |                                 |
|-----------------------------------------------------|-----------------------------|---------------------------------|
| Power<br><b>15 W</b>                                | Voltage<br><b>230 V AC</b>  | Luminous flux<br><b>1160 lm</b> |
| Colour temperature<br><b>2700 K, 3000 K, 4000 K</b> | CRI<br><b>97 CRI</b>        | Beam angles<br><b>15°, 60°</b>  |
| IP rating<br><b>IP20</b>                            | Certifications<br><b>CE</b> | Mounting<br><b>Surface</b>      |

Dimensions



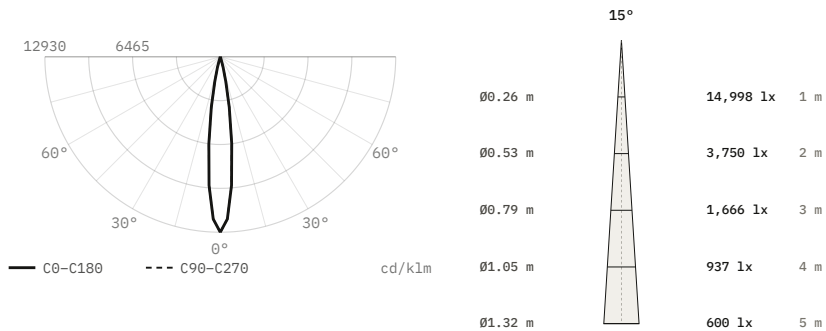
Models

| Code   | Power | Voltage  | Flux    | CRI    | Size                                    | Beam    |
|--------|-------|----------|---------|--------|-----------------------------------------|---------|
| CH0177 | 15 W  | 230 V AC | 1160 lm | 97 CRI | Ø60 canopy x H20 mm; head Ø60 x L150 mm | 15° 60° |

# Photometry

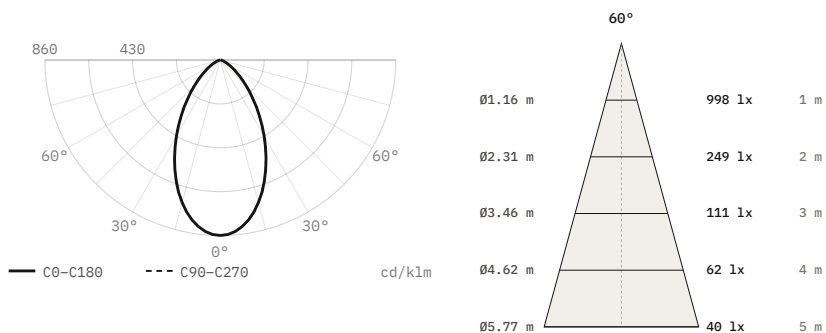
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for CH0177, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

## CH0177, 15 W, 15° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 1,160 lm                       |
| Efficacy                     | 77 lm/W                        |
| Peak intensity               | 14,998 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                         | Ø60 × 20 mm                    |
| Data                         | Calculated from catalogue data |

## CH0177, 15 W, 60° beam



|                              |                                |
|------------------------------|--------------------------------|
| Luminous flux                | 1,160 lm                       |
| Efficacy                     | 77 lm/W                        |
| Peak intensity               | 998 cd, 860 cd/klm             |
| Beam angle (50%)             | 60°                            |
| Field angle (10%)            | 109.4°                         |
| Cut-off angle (2.5%)         | 69°                            |
| Flux 0–30° / 30–60° / 60–90° | 52.4 / 42.6 / 5 %              |
| Size                         | Ø60 × 20 mm                    |
| Data                         | Calculated from catalogue data |