Downlights

# Waterproof series

Recessed spotlight

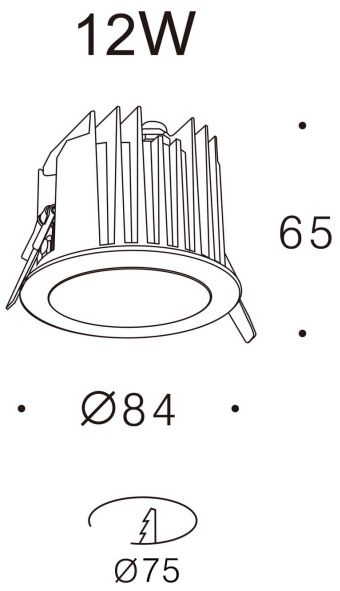


Recessed spotlight. 12 or 20 W. Three beam angles, 15° to 45°. 2700, 3000, 4000 K. IP65. 97 CRI.

- Ceiling cut-out Ø75 / Ø95 mm
- LED source: Citizen
- UGR <11 (15°), <15 (24°), <16 (45°)

| | | |
|---|---|---|
| Power<br>**12 W, 20 W** | Voltage<br>**36 V** | Luminous flux<br>**15°: 765 / 796lm; 24°: 774 / 818lm; 45°: 792 / 845 lm, 15°: 1268 / 1283lm; 24°: 1290 / 1302lm; 45°: 1296 / 1309 lm** |
| Colour temperature<br>**2700 K, 3000 K, 4000 K** | CRI<br>**97 CRI** | Beam angles<br>**15°, 24°, 45°** |
| IP rating<br>**IP65** | Mounting<br>**Recessed** | Control<br>**On/Off** |
| Finishes<br>**Black** | | |

## Dimensions



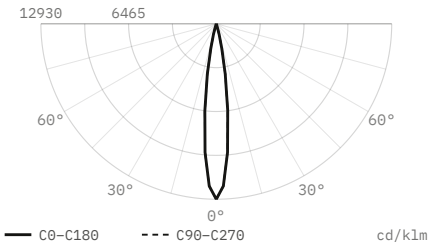

## Models

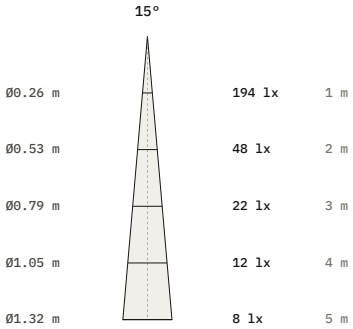
| Code | Power | Voltage | Flux | CRI | Size | Cut-out | Beam | Notes |
|---|---|---|---|---|---|---|---|---|
| **UK-3201** | 12 W | 36 V | 15°: 765 / 796lm; 24°: 774 / 818lm; 45°: 792 / 845 lm | 97 CRI | Ø84 x H65 mm | Ø75 mm | 15° 24° 45° | 300 mA |
| **UK-3201** | 20 W | 36 V | 15°: 1268 / 1283lm; 24°: 1290 / 1302lm; 45°: 1296 / 1309 lm | 97 CRI | Ø104 x H70 mm | Ø95 mm | 15° 24° 45° | 500 mA |

# Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for UK-3201, 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.

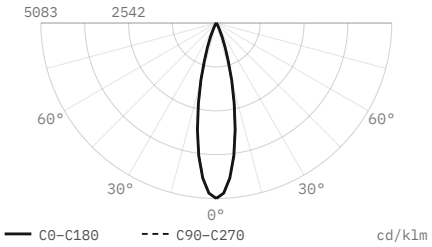
## UK-3201, 20 W, 15° beam

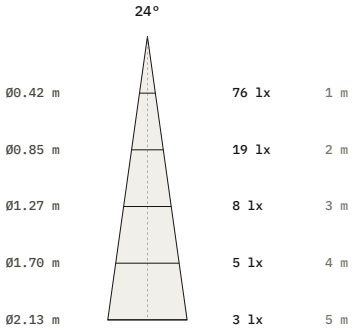



| | |
|---|---|
| Luminous flux | 15 lm |
| Efficacy | 1 lm/W |
| Peak intensity | 194 cd, 12,930 cd/klm |
| Beam angle (50%) | 15° |
| Field angle (10%) | 27.3° |
| Cut-off angle (2.5%) | 17° |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 % |
| Size | Ø104 × 70 mm |
| Data | Calculated from catalogue data |

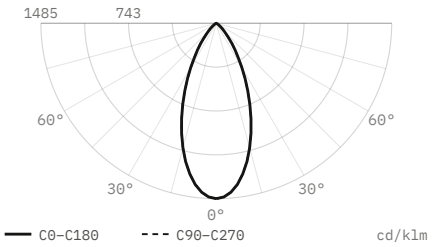
## UK-3201, 20 W, 24° beam

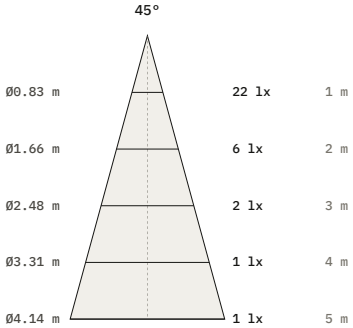



| | |
|---|---|
| Luminous flux | 15 lm |
| Efficacy | 1 lm/W |
| Peak intensity | 76 cd, 5,083 cd/klm |
| Beam angle (50%) | 24° |
| Field angle (10%) | 43.7° |
| Cut-off angle (2.5%) | 27.5° |
| Flux 0–30° / 30–60° / 60–90° | 98.7 / 1.3 / 0 % |
| Size | Ø104 × 70 mm |
| Data | Calculated from catalogue data |

## UK-3201, 20 W, 45° beam




| | |
|---|---|
| Luminous flux | 15 lm |
| Efficacy | 1 lm/W |
| Peak intensity | 22 cd, 1,485 cd/klm |
| Beam angle (50%) | 45° |
| Field angle (10%) | 82° |
| Cut-off angle (2.5%) | 51.5° |
| Flux 0–30° / 30–60° / 60–90° | 72.2 / 27.2 / 0.6 % |
| Size | Ø104 × 70 mm |
| Data | Calculated from catalogue data |

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.