Ceiling

# Dot DL1248

Surface luminaire

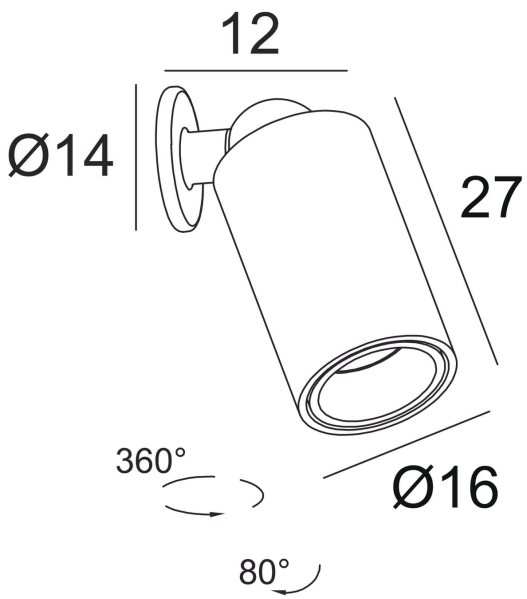


Surface luminaire.

- LED source: Citizen

| Voltage | Luminous flux | Colour temperature |
|---|---|---|
| max 3 V | 72 lm | 2700 K, 3000 K, 4000 K |
| **CRI** | **Beam angles** | **IP rating** |
| 97 CRI | 15°, 24°, 36°, 60° | IP20 |
| **Certifications** | **Mounting** | **Finishes** |
| CE | Surface | White |

## Dimensions



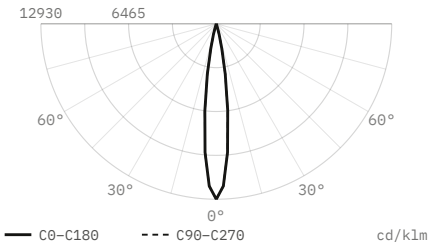

## Models

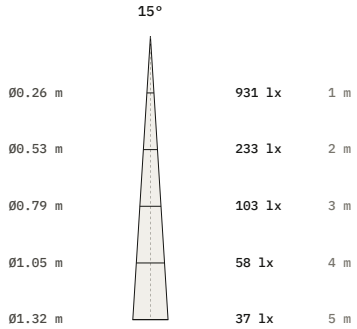
| Code | Voltage | Flux | CRI | Size | Beam | Notes |
|---|---|---|---|---|---|---|
| **DL1248** | max 3 V | 72 lm | 97 CRI | Ø14 base x 12 mm deep; Ø16 head x 27 mm long | 15° 24° 36° 60° | 350 mA |

# Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1248, 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.

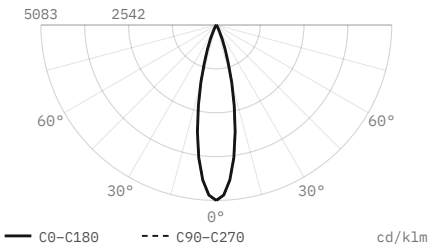
## DL1248, 15° beam

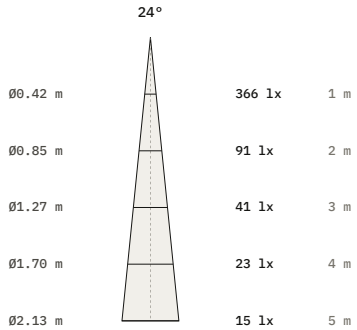



| | |
|---|---|
| Luminous flux | 72 lm |
| Peak intensity | 931 cd, 12,930 cd/klm |
| Beam angle (50%) | 15° |
| Field angle (10%) | 27.3° |
| Cut-off angle (2.5%) | 17° |
| Flux 0–30° / 30–60° / 60–90° | 100 / 0 / 0 % |
| Size | Ø14 × 12 mm |
| Data | Calculated from catalogue data |

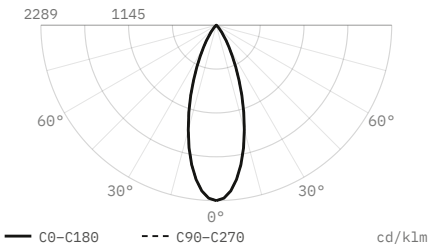
## DL1248, 24° beam

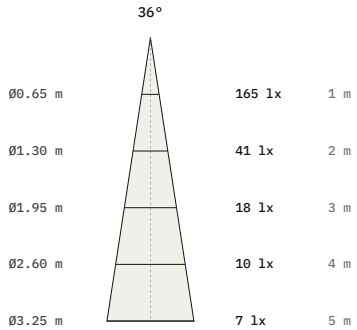



| | |
|---|---|
| Luminous flux | 72 lm |
| Peak intensity | 366 cd, 5,083 cd/klm |
| Beam angle (50%) | 24° |
| Field angle (10%) | 43.7° |
| Cut-off angle (2.5%) | 27.5° |
| Flux 0–30° / 30–60° / 60–90° | 98.7 / 1.3 / 0 % |
| Size | Ø14 × 12 mm |
| Data | Calculated from catalogue data |

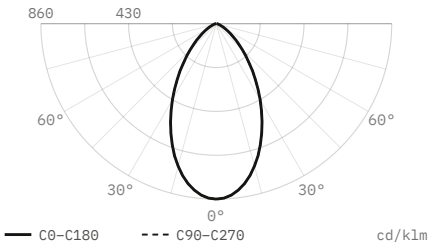
## DL1248, 36° beam

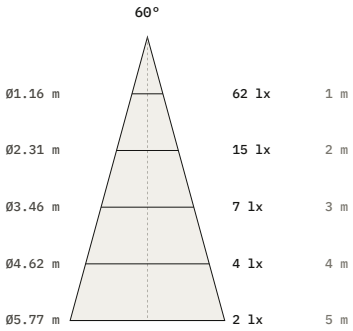



| | |
|---|---|
| Luminous flux | 72 lm |
| Peak intensity | 165 cd, 2,289 cd/klm |
| Beam angle (50%) | 36° |
| Field angle (10%) | 65.6° |
| Cut-off angle (2.5%) | 41.5° |
| Flux 0–30° / 30–60° / 60–90° | 86.1 / 13.9 / 0 % |
| Size | Ø14 × 12 mm |
| Data | Calculated from catalogue data |

## DL1248, 60° beam




| | |
|---|---|
| Luminous flux | **72 lm** |
| Peak intensity | **62 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 | **Ø14 × 12 mm** |
| Data | **Calculated from catalogue data** |

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.