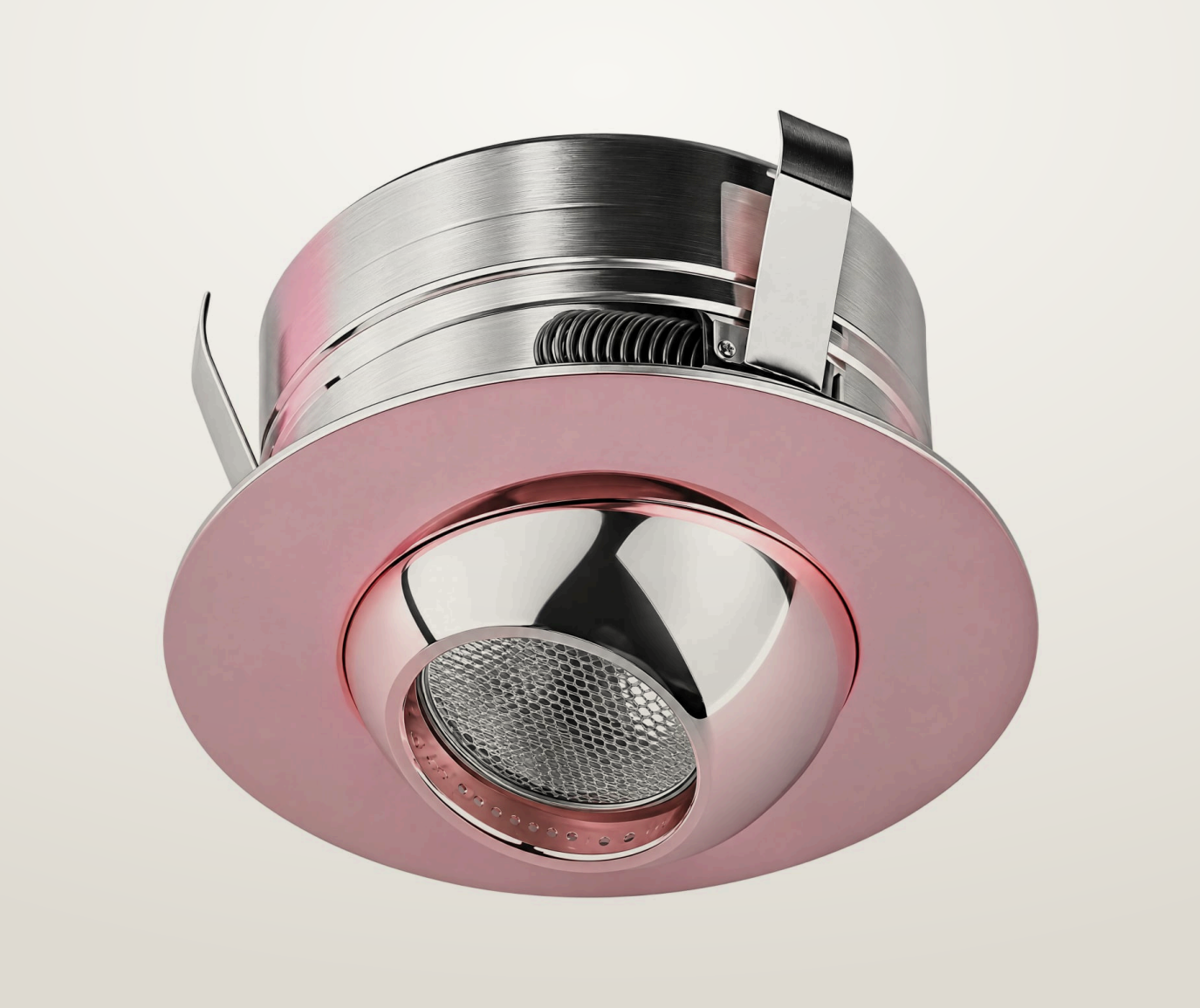
Downlights

Dot DL1246

Recessed spotlight

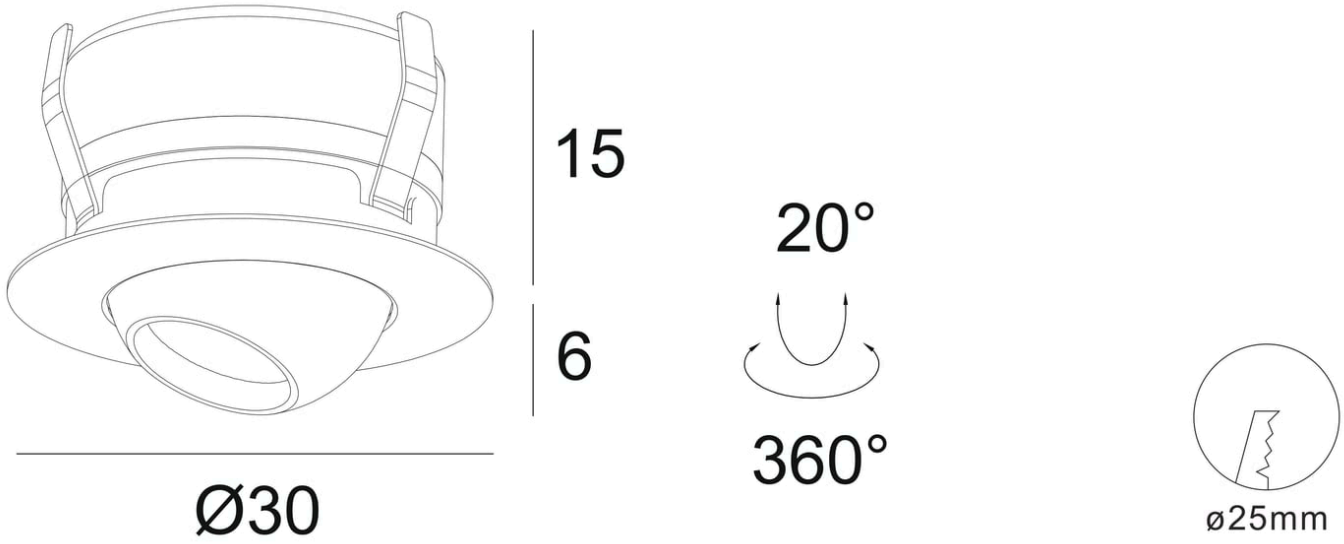


Recessed spotlight.

- Ceiling cut-out Ø25 mm
- LED source: Citizen

Voltage max 3 V, 24 V DC	Luminous flux 80 lm	Colour temperature 2700 K, 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 36°, 60°	IP rating IP20
Certifications CE	Mounting Recessed	Finishes White, Black, Silver

Dimensions



Models

Code	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1246	max 3 V, 24 V DC	80 lm	97 CRI	Ø30 mm; H15 + 6 mm	Ø25 mm	15° 24° 36° 60°	350 mA

Finishes


Gold


Brass


Black

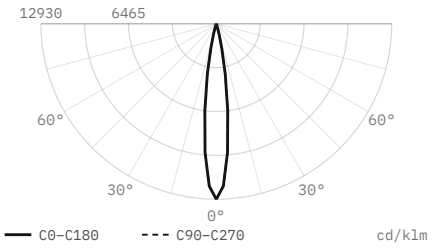

White

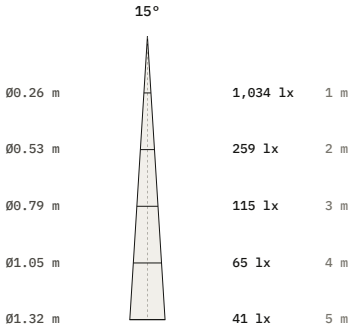

Silver

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1246, 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.

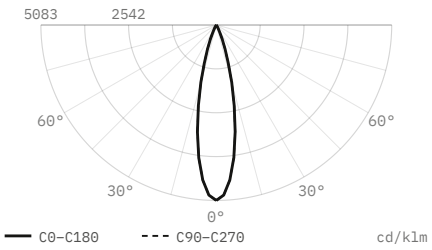
DL1246, 15° beam

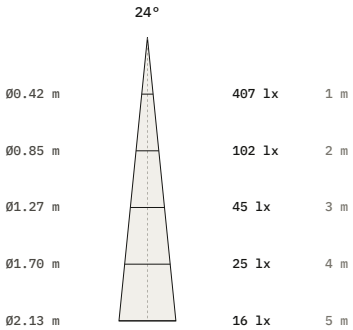




Luminous flux	80 lm
Peak intensity	1,034 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø30 mm
Data	Calculated from catalogue data

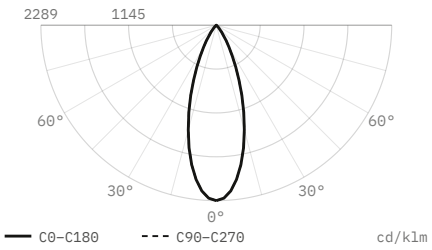
DL1246, 24° beam

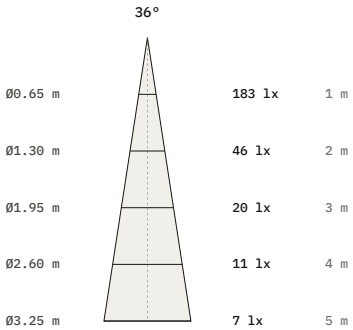




Luminous flux	80 lm
Peak intensity	407 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø30 mm
Data	Calculated from catalogue data

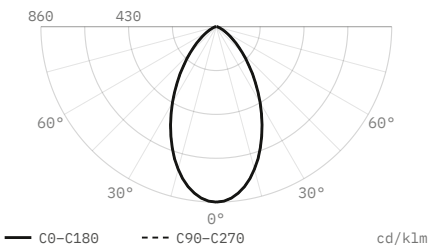
DL1246, 36° beam

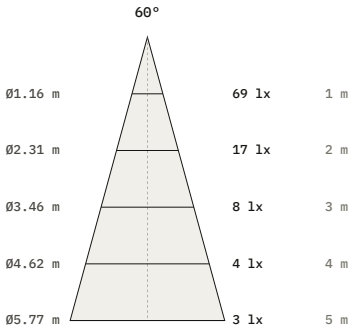




Luminous flux	80 lm
Peak intensity	183 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø30 mm
Data	Calculated from catalogue data

DL1246, 60° beam





Luminous flux	80 lm
Peak intensity	69 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	Ø30 mm
Data	Calculated from catalogue data

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Technical data may change without notice.