

Recessed

R3-1020

Recessed spotlight



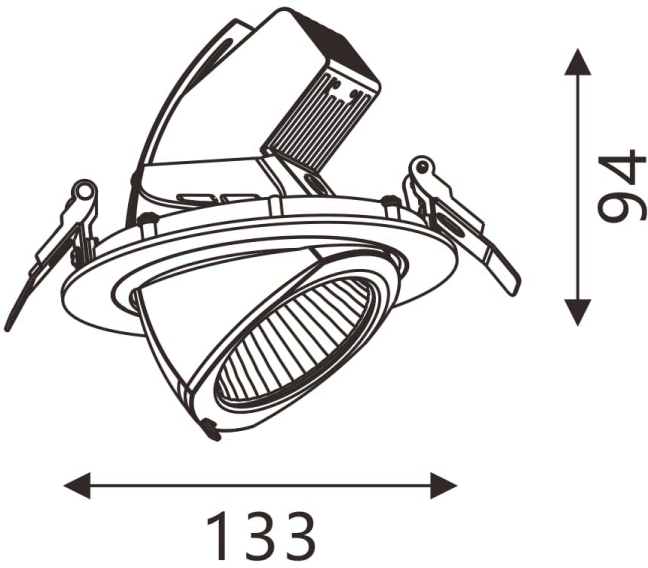
Recessed spotlight. 20 W. Three beam angles, 15° to 36°. 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø125 mm
- LED source: Citizen

Power 20 W	Luminous flux 1900–2000 lm	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 36°	IP rating IP20
Certifications CE, RoHS, EMC, LVD	Mounting Recessed	Control DALI, 0-10V, Triac, Casambi

Finishes
White, Black, Grey

Dimensions



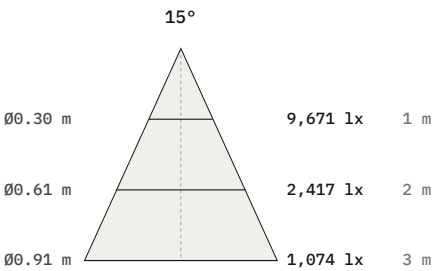
Models

Code	Power	Flux	CRI	Size	Cut-out	Beam
R3-1020	20 W	1900–2000 lm	97 CRI	133 × 94 mm	Ø125 mm	15° 24° 36°

Photometric data

Illuminance on the beam axis (lx) and beam diameter at each mounting distance, per model and beam angle. IES files for every model and beam can be downloaded from the product page.

20 W

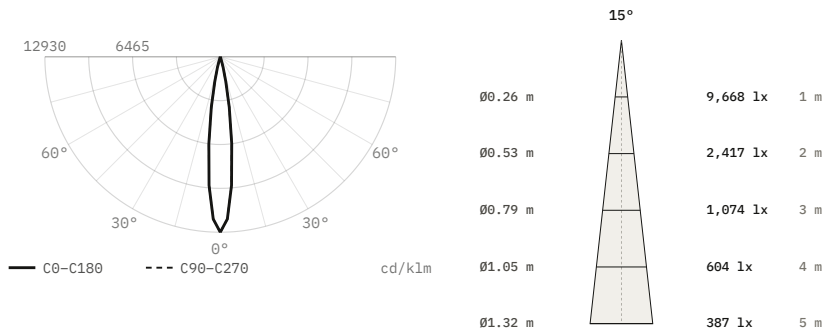


Beam	1 m	2 m	3 m
15°	9,671 lx Ø300 mm	2,417 lx Ø610 mm	1,074 lx Ø910 mm

Photometry

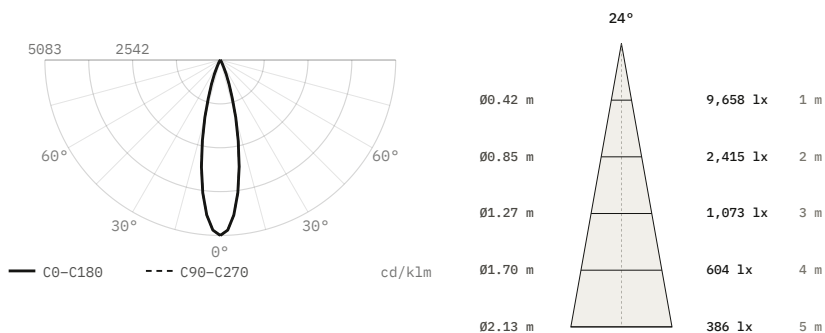
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-1020, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

R3-1020, 20 W, 15° beam



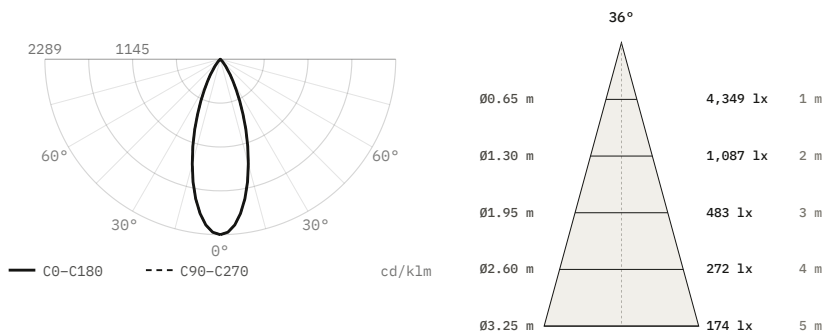
Luminous flux	748 lm
Efficacy	37 lm/W
Peak intensity	9,668 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	133 × 94 mm
Data	Calculated from catalogue data

R3-1020, 20 W, 24° beam



Luminous flux	1,900 lm
Efficacy	95 lm/W
Peak intensity	9,658 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	133 × 94 mm
Data	Calculated from catalogue data

R3-1020, 20 W, 36° beam



Luminous flux	1,900 lm
Efficacy	95 lm/W
Peak intensity	4,349 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	133 × 94 mm
Data	Calculated from catalogue data

