Recessed

R3-1083

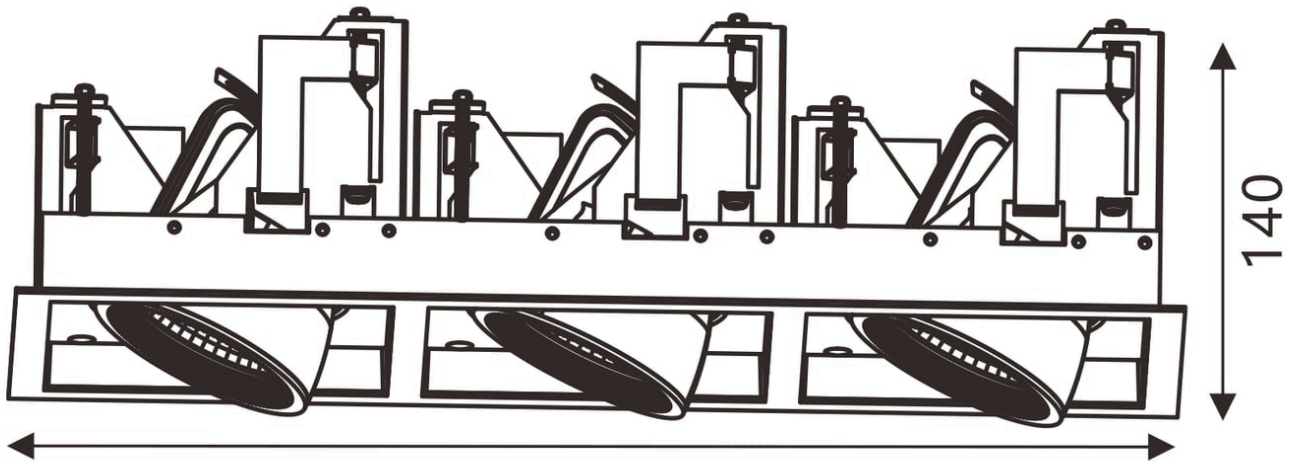
Recessed spotlight

Recessed spotlight.

- Ceiling cut-out Ø538 mm
- LED source: Citizen

Luminous flux **3 × 2700–2800 lm, 3 × 3400–3500 lm**	Colour temperature **3000 K, 4000 K**	CRI **97 CRI**
Beam angles **12°, 30°, 45°, 60°**	IP rating **IP20**	Certifications **CE, RoHS, EMC, LVD**
Mounting **Recessed**	Control **DALI, 0-10V, Triac, Casambi**	Finishes **White, Black, Grey**

Dimensions

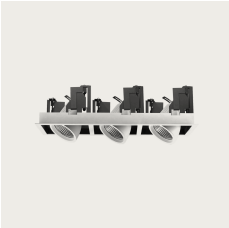


Models

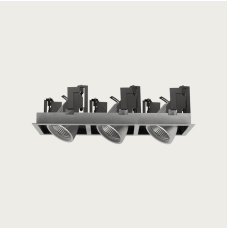
Code	Version	Flux	CRI	Size	Cut-out	Beam
R3-1083	3 heads, 3 × 28 W	3 × 2700–2800 lm	97 CRI	552 × 195 × 140 mm	Ø538 mm	12° 30° 45° 60°
R3-1083	3 heads, 3 × 35 W	3 × 3400–3500 lm	97 CRI	552 × 195 × 140 mm	Ø538 mm	12° 30° 45° 60°

Finishes

Black



White

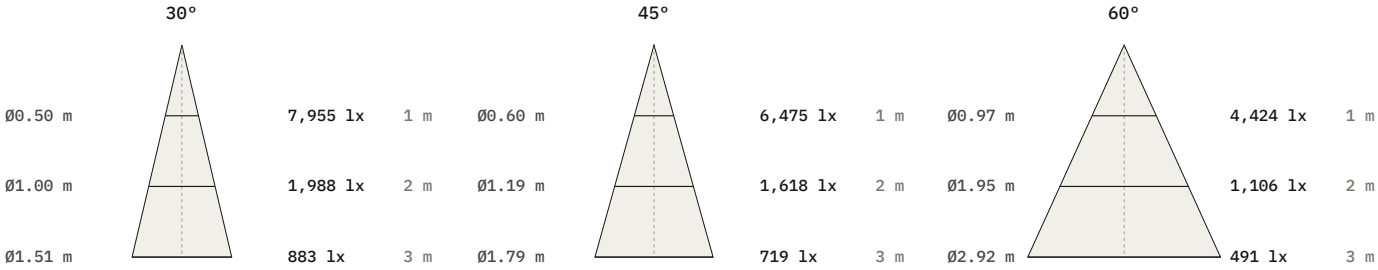


Grey

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.

R3-1083

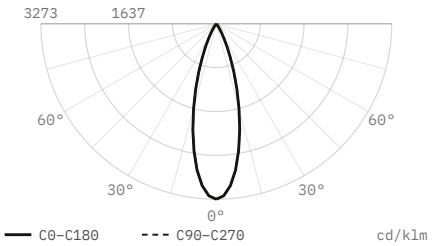


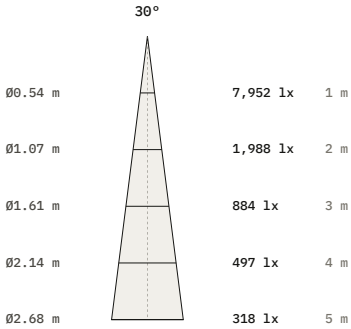
Beam	1 m	2 m	3 m
30°	7,955 lx Ø500 mm	1,988 lx Ø1000 mm	883 lx Ø1510 mm
45°	6,475 lx Ø600 mm	1,618 lx Ø1190 mm	719 lx Ø1790 mm
60°	4,424 lx Ø970 mm	1,106 lx Ø1950 mm	491 lx Ø2920 mm

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for R3-1083, 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.

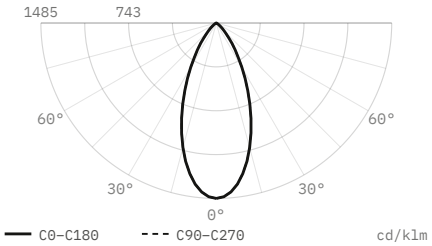
R3-1083, 30° beam

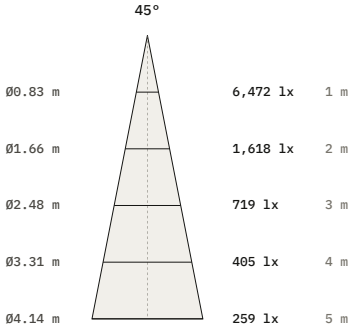




Luminous flux	2,430 lm
Peak intensity	7,952 cd, 3,273 cd/klm
Beam angle (50%)	30°
Field angle (10%)	54.7°
Cut-off angle (2.5%)	34.5°
Flux 0–30° / 30–60° / 60–90°	94 / 6 / 0 %
Size	552 × 195 × 140 mm
Data	Calculated from catalogue data

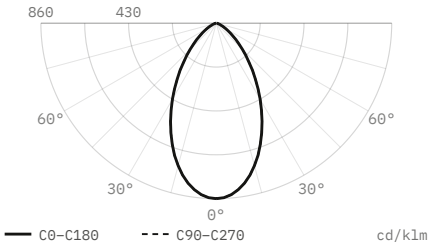
R3-1083, 45° beam

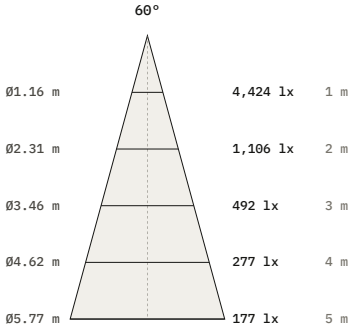




Luminous flux	4,359 lm
Peak intensity	6,472 cd, 1,485 cd/klm
Beam angle (50%)	45°
Field angle (10%)	82°
Cut-off angle (2.5%)	51.5°
Flux 0–30° / 30–60° / 60–90°	72.2 / 27.2 / 0.6 %
Size	552 × 195 × 140 mm
Data	Calculated from catalogue data

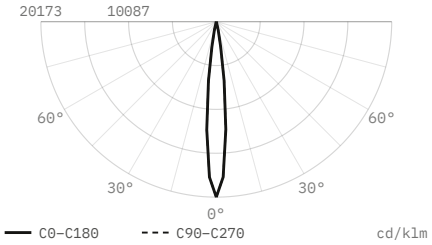
R3-1083, 60° beam

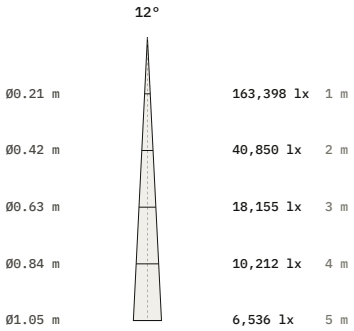




Luminous flux	5,142 lm
Peak intensity	4,424 cd, 860 cd/klm
Beam angle (50%)	60°
Field angle (10%)	109.4°
Cut-off angle (2.5%)	69°
Flux 0–30° / 30–60° / 60–90°	52.4 / 42.6 / 5 %
Size	552 × 195 × 140 mm
Data	Calculated from catalogue data

R3-1083, 12° beam





Luminous flux	8,100 lm
Peak intensity	163,398 cd, 20,173 cd/klm
Beam angle (50%)	12°
Field angle (10%)	21.9°
Cut-off angle (2.5%)	13.5°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	552 × 195 × 140 mm
Data	Calculated from catalogue data

DiaNoche
service@dianoche.it
dianoche.it

Technical data may change without notice.