

Recessed

TL-TRE-1202

Recessed spotlight

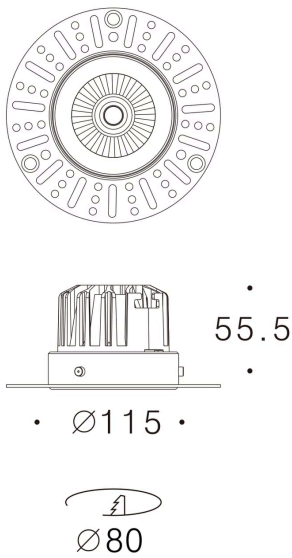


Recessed spotlight. 12 W. Four beam angles, 15° to 50°. 2700, 3000, 4000, 5000 K. IP44. 97 CRI.

- Ceiling cut-out Ø80 mm
- LED source: Citizen
- UGR <8 (15°), <8 (24°), <10 (36°)

Power 12 W	Voltage 36 V	Colour temperature 2700 K, 3000 K, 4000 K, 5000 K
CRI 97 CRI	Beam angles 15°, 24°, 36°, 50°	IP rating IP44
Mounting Recessed	Control On/Off, Triac	Finishes White, Black, Silver, Brass, Bronze

Dimensions



Models

Code	Power	Voltage	CRI	Size	Cut-out	Beam	Notes
TL - TRE - 1202	12 W	36 V	97 CRI	Ø115 × 55.5 mm	Ø80 mm	15° 24° 36° 50°	300 mA

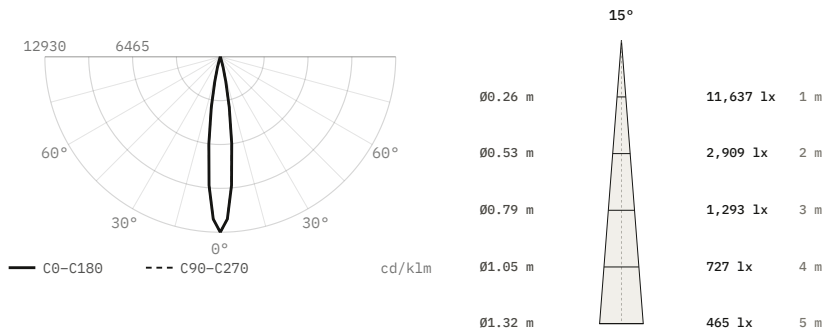
Finishes



Photometry

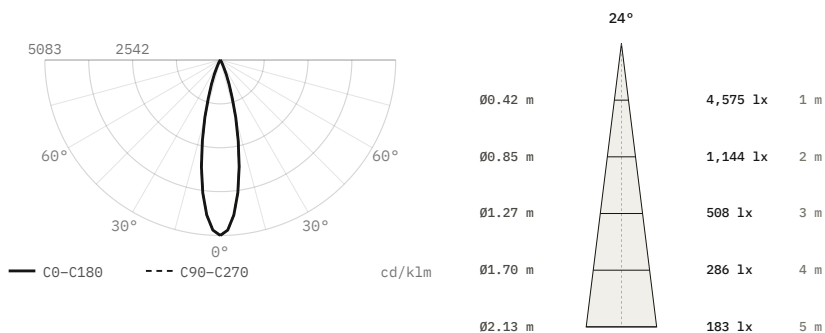
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for TL-TRE-1202, from the same data as the IES and LDT files on the product page. Estimated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

TL-TRE-1202, 12 W, 15° beam



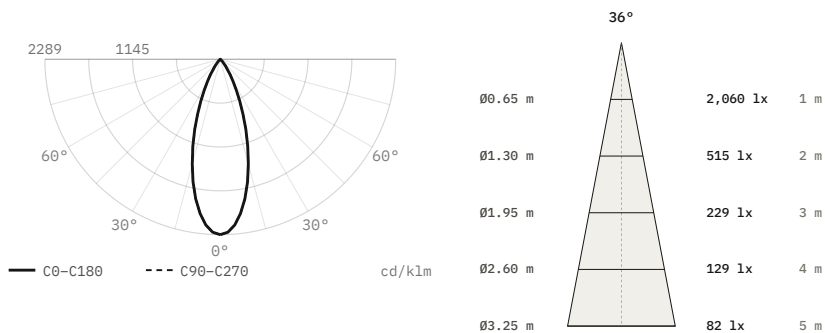
Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	11,637 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø115 × 55.5 mm
Data	Estimated from catalogue data

TL-TRE-1202, 12 W, 24° beam



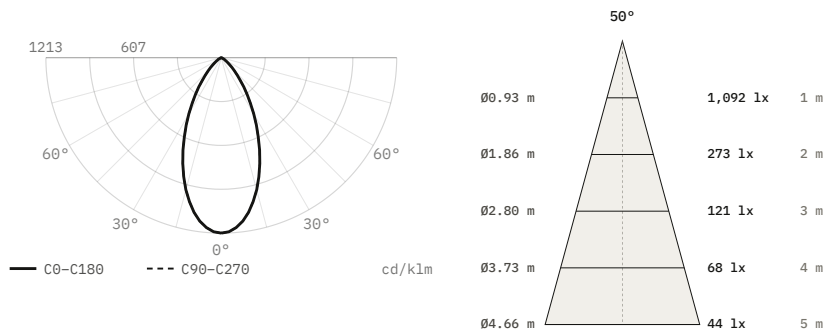
Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	4,575 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø115 × 55.5 mm
Data	Estimated from catalogue data

TL-TRE-1202, 12 W, 36° beam



Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	2,060 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	Ø115 × 55.5 mm
Data	Estimated from catalogue data

TL-TRE-1202, 12 W, 50° beam



Luminous flux	900 lm
Efficacy	75 lm/W
Peak intensity	1,092 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0–30° / 30–60° / 60–90°	64.8 / 33.6 / 1.5 %
Size	Ø115 × 55.5 mm
Data	Estimated from catalogue data

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Technical data may change without notice.