

Recessed

COSMOS-1801R

Recessed spotlight

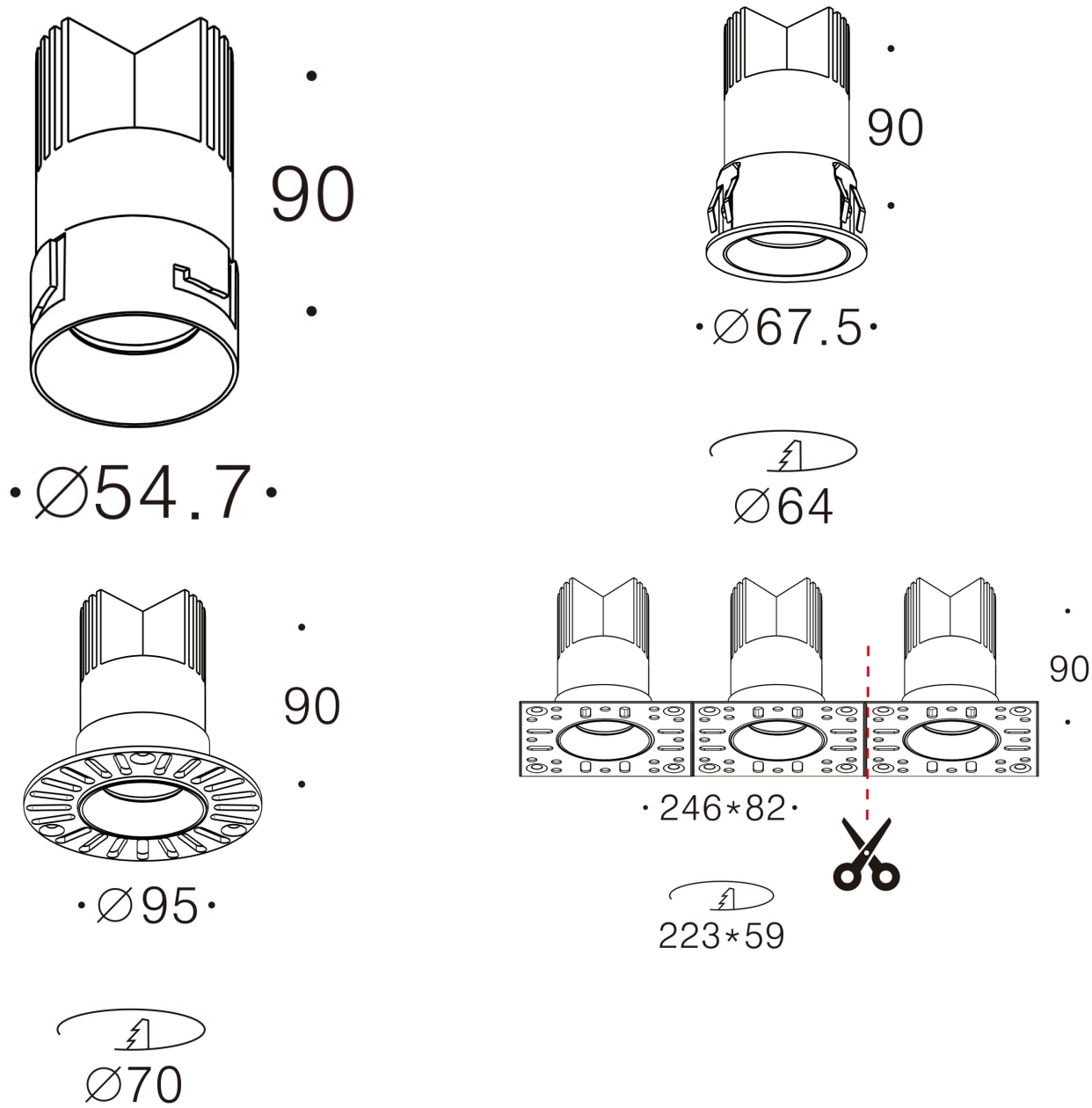


Recessed spotlight. 15 W. Four beam angles, 15° to 50°. 3000, 4000 K. IP20/44/65. 97 CRI.

- Ceiling cut-out Ø64 / Ø70 / Ø223 mm
- LED source: Citizen
- UGR <6 (20°), <7 (24°), <12 (36°)

Power 15 W	Voltage 36 V	Colour temperature 3000 K, 4000 K
CRI 97 CRI	Beam angles 15°, 24°, 36°, 50°	IP rating IP20/44/65
Mounting Recessed	Control On/Off, Triac	Finishes White, Black, Silver, Brass, Bronze, Gun black

Dimensions



Models

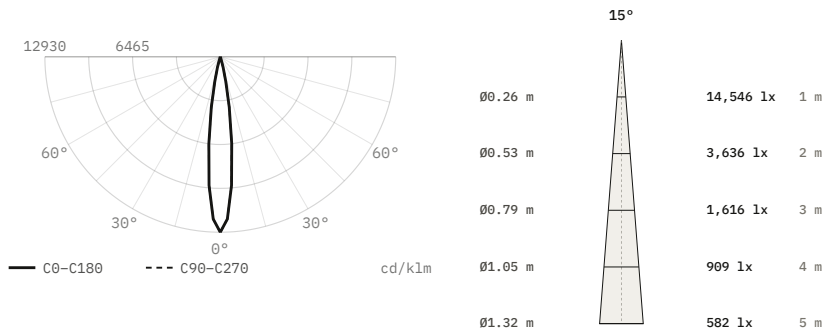
Code	Version	Power	Voltage	CRI	Size	Cut-out	Beam	Notes
COSMOS-1801R	Lens; On/Off	15 W	36 V	97 CRI	$\varnothing 54.7 \times$ H90 mm		15° 24° 36° 50°	350 mA
COSMOS-1801R	Lens; triac / DALI DT6	15 W	36 V	97 CRI	$\varnothing 54.7 \times$ H90 mm		15° 24° 36° 50°	350 mA
COSMOS-1801R	Lens; DALI DT8 tunable white	15 W	36 V	97 CRI	$\varnothing 54.7 \times$ H90 mm		15° 24° 36° 50°	350 mA

Code	Version	Power	Voltage	CRI	Size	Cut-out	Beam	Notes
RE-COSMOS-1801F	Frame 01F (round ring)			97 CRI	Ø67.5 x H90 mm	Ø64 mm	15° 24° 36° 50°	
TL-COSMOS-1803F	Trimless frame 03F (round, perforated flange)			97 CRI	Ø95 x H90 mm	Ø70 mm	15° 24° 36° 50°	
TL-COSMOS-1804F	Trimless frame 04F (3-position strip, can be cut to length)			97 CRI	246 × 82 x H90 mm	Ø223 mm	15° 24° 36° 50°	
RE-COSMOS-1801F	Frame			97 CRI	Ø67.5 mm	Ø64 mm	15° 24° 36° 50°	
TL-COSMOS-1803F	Trimless ring			97 CRI	Ø95 mm	Ø70 mm	15° 24° 36° 50°	
TL-COSMOS-1804F	Trimless plate, 3 modules			97 CRI	246 × 82 mm	Ø223 mm	15° 24° 36° 50°	

Photometry

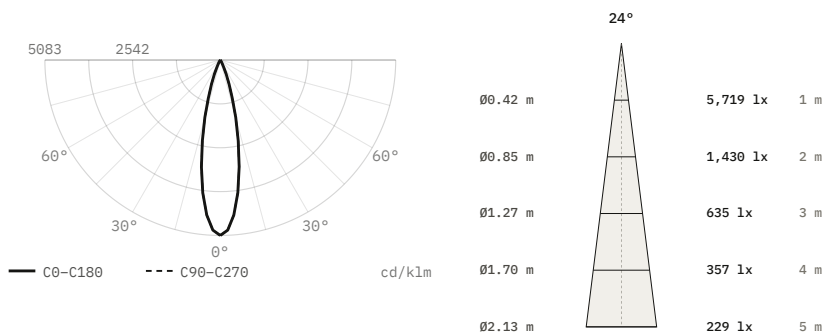
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for COSMOS-1801R, from the same data as the IES and LDT files on the product page. Estimated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

COSMOS-1801R, 15 W, 15° beam



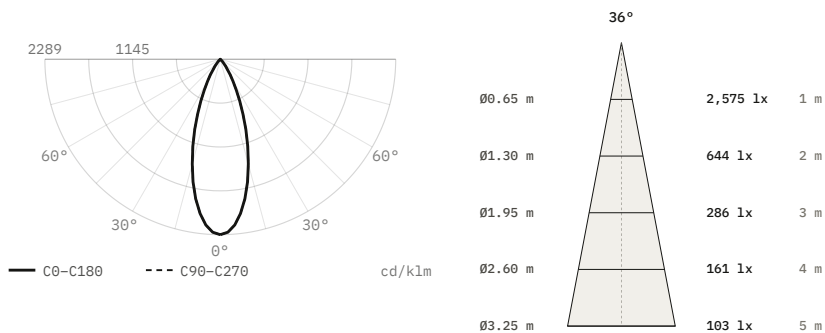
Luminous flux	1,125 lm
Efficacy	75 lm/W
Peak intensity	14,546 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø54.7 × 90 mm
Data	Estimated from catalogue data

COSMOS-1801R, 15 W, 24° beam



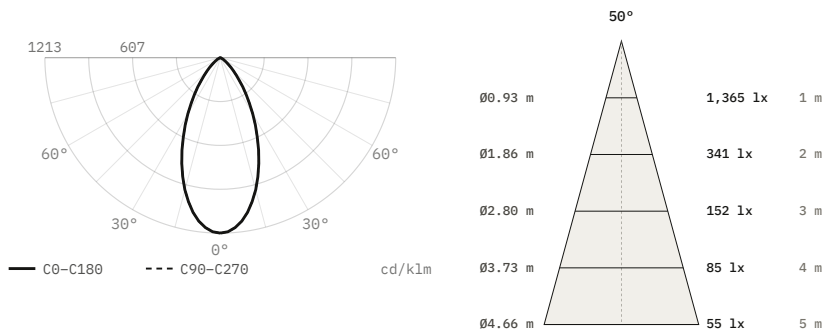
Luminous flux	1,125 lm
Efficacy	75 lm/W
Peak intensity	5,719 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø54.7 × 90 mm
Data	Estimated from catalogue data

COSMOS-1801R, 15 W, 36° beam



Luminous flux	1,125 lm
Efficacy	75 lm/W
Peak intensity	2,575 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	Ø54.7 × 90 mm
Data	Estimated from catalogue data

COSMOS-1801R, 15 W, 50° beam



Luminous flux	1,125 lm
Efficacy	75 lm/W
Peak intensity	1,365 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	Ø54.7 × 90 mm
Data	Estimated from catalogue data

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Technical data may change without notice.