Downlights

Kai

Recessed spotlight

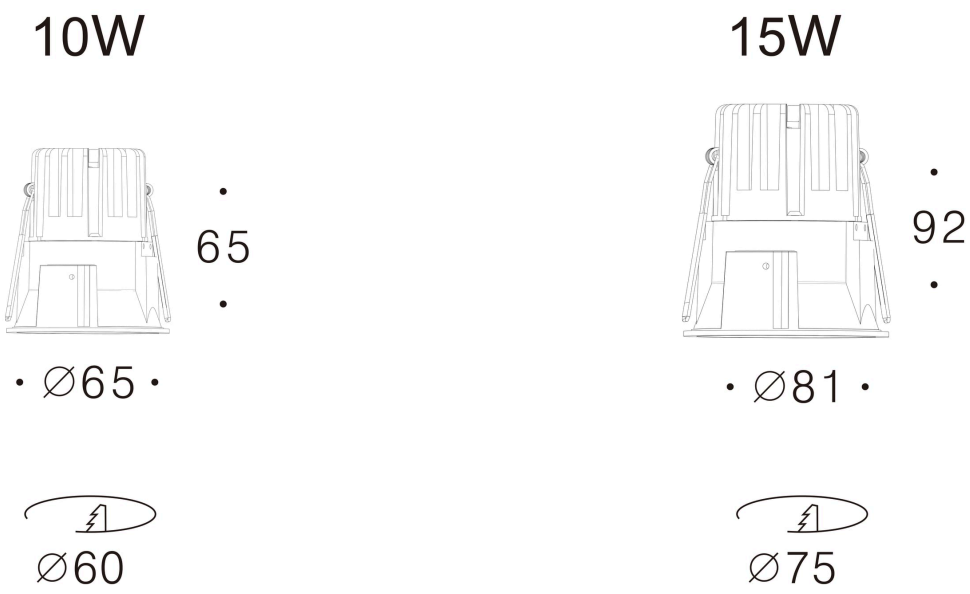


Recessed spotlight. 10 or 15 W. Beam angles 15° to 60°, by model. 2700, 3000, 4000, 5000 K. 97 CRI.

- Ceiling cut-out Ø60 / Ø75 mm
- LED source: Citizen
- UGR <10 (20°), <16 (24°), <19 (60°)

Power **10 W, 15 W**	Voltage **36 V**	Colour temperature **2700 K, 3000 K, 4000 K, 5000 K**
CRI **97 CRI**	Beam angles **15°, 20°, 24°, 25°, 38°, 60°**	IP rating **IP20**
Mounting **Recessed**	Control **On/Off, Triac**	Finishes **Black**

Dimensions



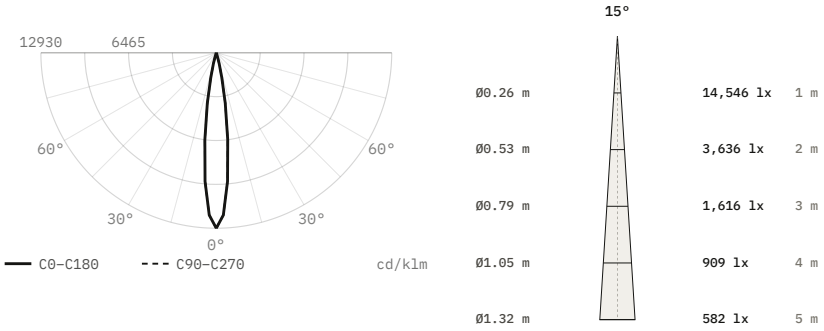
Models

Code	Version	Power	Voltage	CRI	Size	Cut-out	Beam	Notes
KAI-RE1001		10 W	36 V	97 CRI	Ø65 × 65 mm	Ø60 mm	20° 24° 60°	250 mA
KAI-RE1501		15 W	36 V	97 CRI	Ø81 × 92 mm	Ø75 mm	15° 25° 38° 60°	350 mA
KAI-RE1001-LENS	Lens	10 W	36 V	97 CRI	Ø65 × 65 mm	Ø60 mm	20° 24° 60°	250 mA
KAI-RE1501-LENS	Lens	15 W	36 V	97 CRI	Ø81 × 92 mm	Ø75 mm	15° 25° 38° 60°	350 mA

Photometry

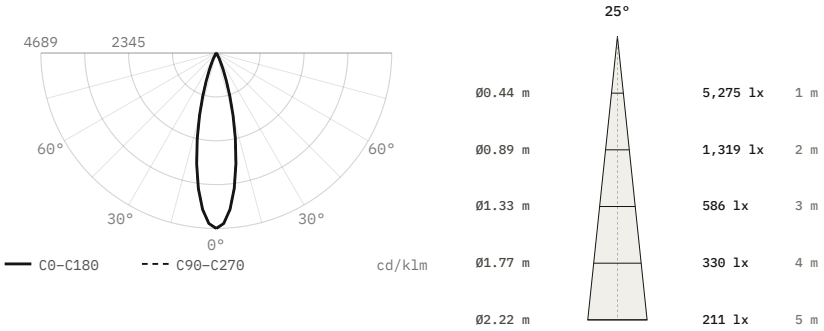
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for KAI-RE1501, from the same data as the IES and LDT files on the product page. Estimated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

KAI-RE1501, 15 W, 15° beam



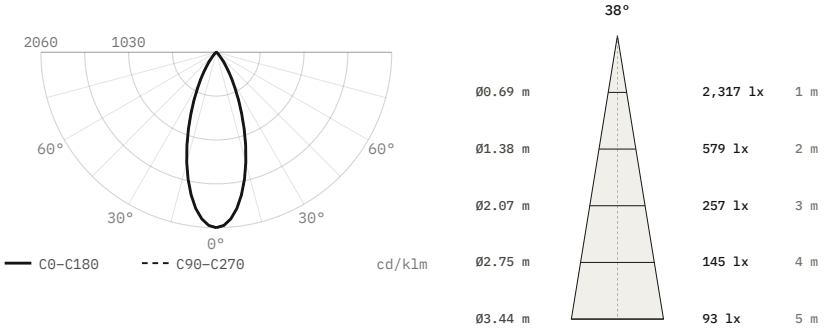
Luminous flux	1,125 lm
Efficacy	75 lm/W
Peak intensity	14,546 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø81 × 92 mm
Data	Estimated from catalogue data

KAI-RE1501, 15 W, 25° beam



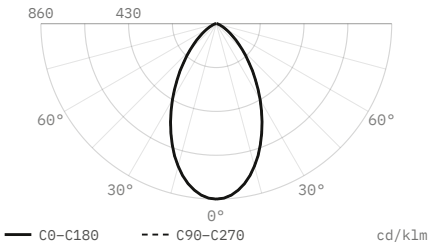
Luminous flux	1,125 lm
Efficacy	75 lm/W
Peak intensity	5,275 cd, 4,689 cd/klm
Beam angle (50%)	25°
Field angle (10%)	45.6°
Cut-off angle (2.5%)	28.5°
Flux 0–30° / 30–60° / 60–90°	98.2 / 1.8 / 0 %
Size	Ø81 × 92 mm
Data	Estimated from catalogue data

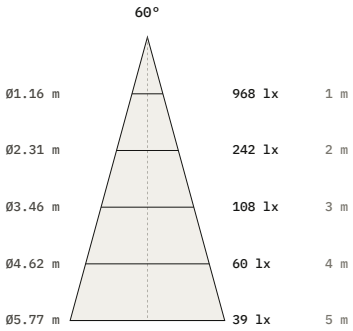
KAI-RE1501, 15 W, 38° beam



Luminous flux	1,125 lm
Efficacy	75 lm/W
Peak intensity	2,317 cd, 2,060 cd/klm
Beam angle (50%)	38°
Field angle (10%)	69.3°
Cut-off angle (2.5%)	43.5°
Flux 0–30° / 30–60° / 60–90°	83 / 16.9 / 0.1 %
Size	Ø81 × 92 mm
Data	Estimated from catalogue data

KAI-RE1501, 15 W, 60° beam





Luminous flux	**1,125 lm**
Efficacy	**75 lm/W**
Peak intensity	**968 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	**Ø81 × 92 mm**
Data	**Estimated from catalogue data**

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Technical data may change without notice.