Downlights

Robo DL1280

Recessed spotlight

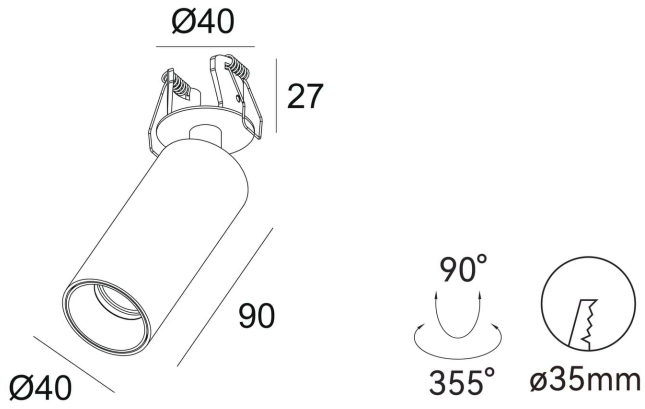


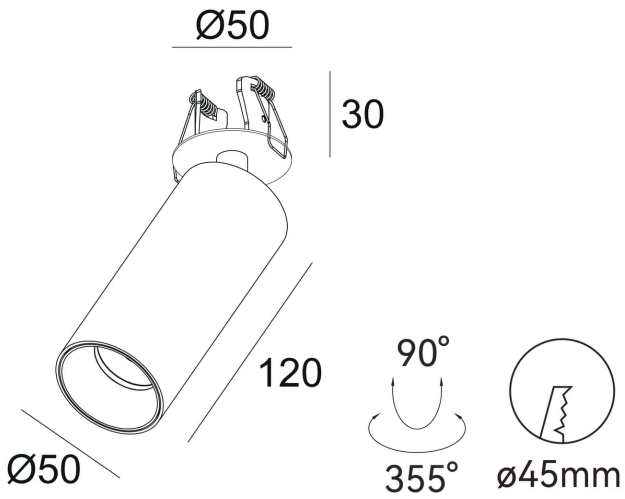
Recessed spotlight. 7, 10, 13 or 18 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

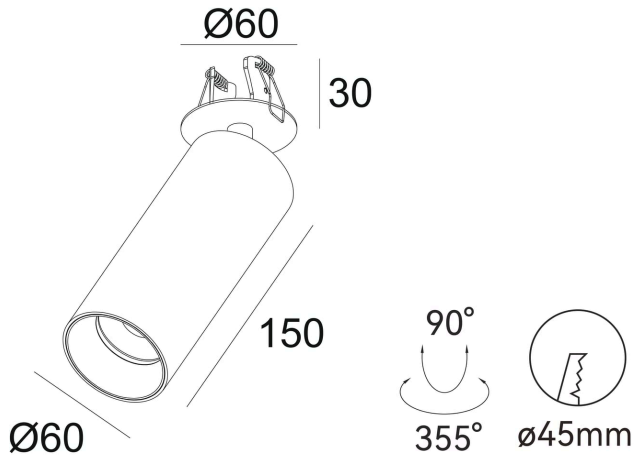
- Ceiling cut-out Ø35 / Ø45 mm
- LED source: Citizen

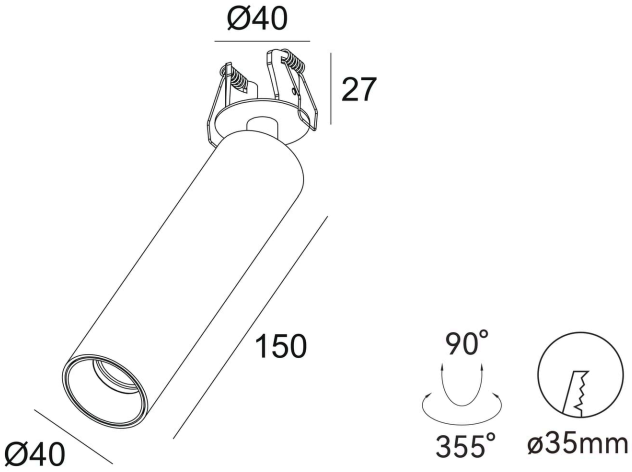
Power **7 W, 10 W, 13 W, 18 W**	Voltage **max 19 V, max 37 V**	Luminous flux **630–1700 lm**
Colour temperature **2700 K, 3000 K, 4000 K**	CRI **97 CRI**	Beam angles **15°, 24°, 36°, 50°**
IP rating **IP20**	Certifications **CE**	Mounting **Recessed**
Finishes **White**		

Dimensions









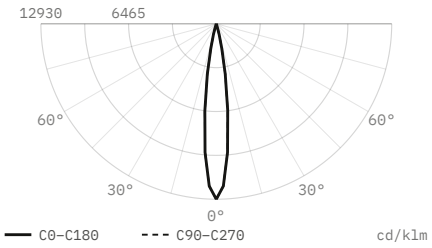
Models

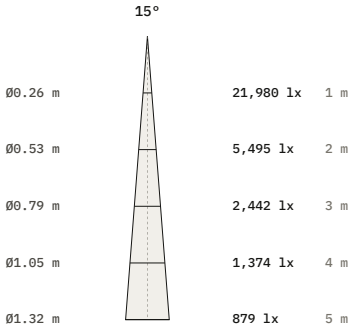
Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1280	7 W	max 19 V	630 lm	97 CRI	Ø40 x H27 mm above ceiling; head Ø40 x L90 mm	Ø35 mm	15° 24° 36° 50°	350 mA
DL1281	10 W	max 19 V	960 lm	97 CRI	Ø50 x H30 mm above ceiling; head Ø50 x L120 mm	Ø45 mm	15° 24° 36° 50°	500 mA
DL1285	18 W	max 37 V	1700 lm	97 CRI	Ø60 x H30 mm above ceiling; head Ø60 x L150 mm	Ø45 mm	15° 24° 36° 50°	500 mA
DL1283	13 W	max 37 V	1180 lm	97 CRI	Ø40 x H27 mm above ceiling; head Ø40 x L150 mm	Ø35 mm	15° 24° 36° 50°	
DL1284	13 W	max 37 V	1180 lm	97 CRI	Ø50 x H30 mm above ceiling; head Ø50 x L150 mm	Ø45 mm	15° 24° 36° 50°	
DL1282	13 W	max 37 V	1180 lm	97 CRI	Ø60 x H30 mm above ceiling; head Ø60 x L120 mm	Ø45 mm	15° 24° 36° 50°	350 mA

Photometry

Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1285, 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.

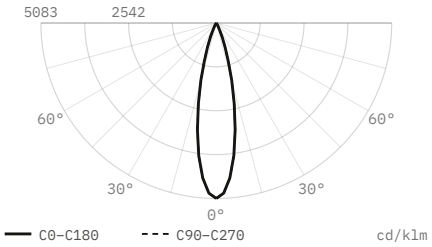
DL1285, 18 W, 15° beam

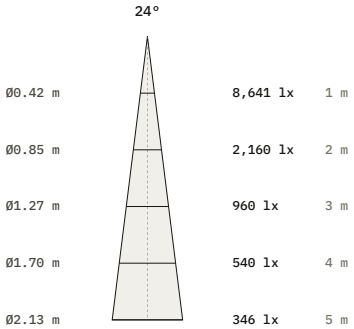




Luminous flux	1,700 lm
Efficacy	94 lm/W
Peak intensity	21,980 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø60 × 30 mm
Data	Calculated from catalogue data

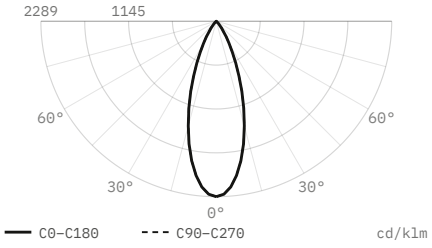
DL1285, 18 W, 24° beam

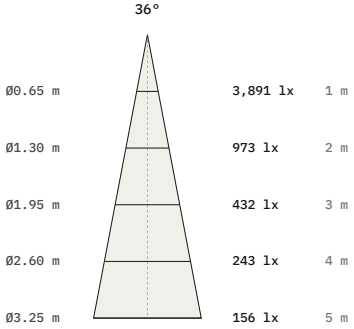




Luminous flux	1,700 lm
Efficacy	94 lm/W
Peak intensity	8,641 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø60 × 30 mm
Data	Calculated from catalogue data

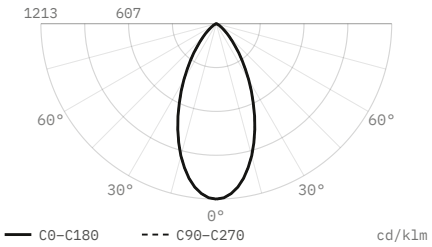
DL1285, 18 W, 36° beam

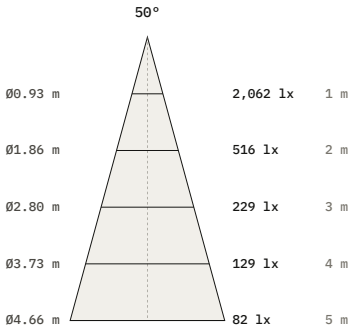




Luminous flux	1,700 lm
Efficacy	94 lm/W
Peak intensity	3,891 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø60 × 30 mm
Data	Calculated from catalogue data

DL1285, 18 W, 50° beam





Luminous flux	1,700 lm
Efficacy	94 lm/W
Peak intensity	2,062 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	Ø60 × 30 mm
Data	Calculated from catalogue data

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Technical data may change without notice.