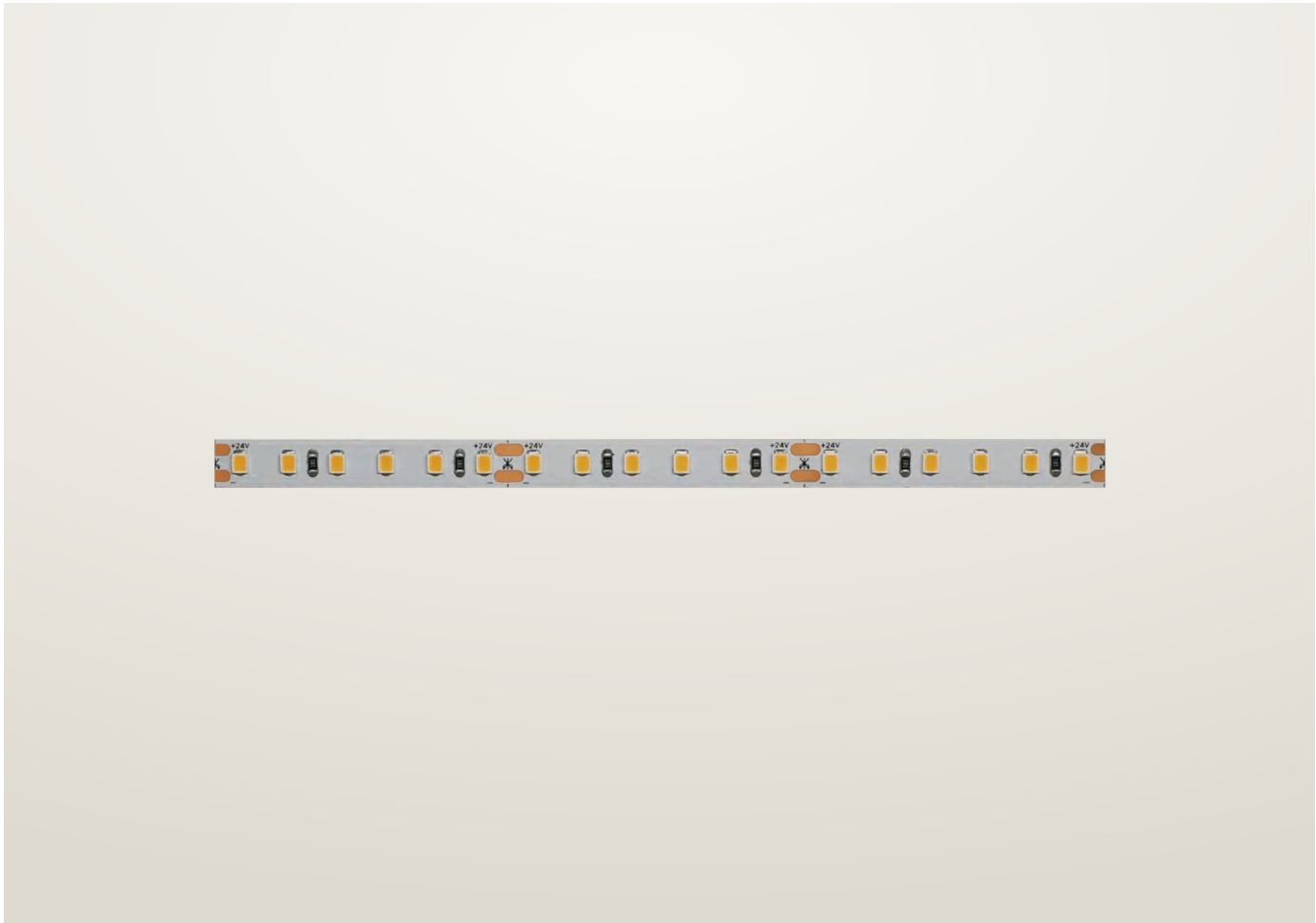


Linear

2835

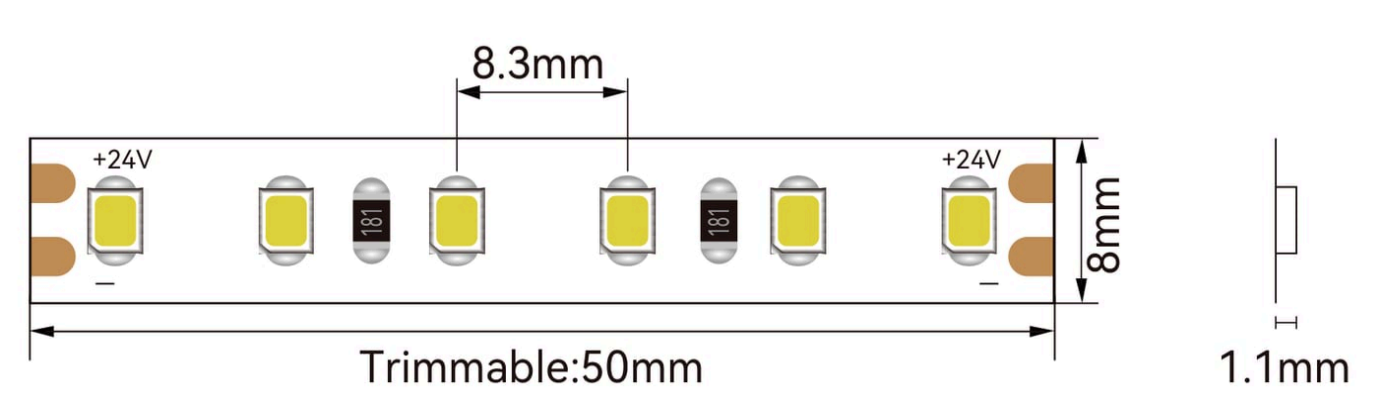
Linear luminaire



Linear luminaire. 7.2 or 9.6 W. 115.3° or 115.5° beam. 2700, 3000, 4000, 6500 K. 97 CRI. — LED source: Citizen

Power 7.2 W, 9.6 W	Voltage 24 V, 12 V	Luminous flux undefined–undefined lm
Colour temperature 2700 K, 3000 K, 4000 K, 6500 K	CRI 97 CRI	Beam angles 115.3°, 115.5°
IP rating IP20	Certifications CE, RoHS, UL, ErP	Mounting Recessed, Surface
Finishes Black		

Dimensions



Models

Code	Version	Power	Voltage	Flux	CRI	Size	Beam	Notes
OL-KNNF24120T09-8A29	24 V, 9.6 W, 120 LED/m, IP20	9.6 W	24 V	760 lm/m	97 CRI	W8 x T1.1 mm (PCB width 8 mm, thickness 1.1 mm)	115.3°	Power per metre
OL-INNF24120T09-8A29	24 V, 9.6 W, 120 LED/m, IP20	9.6 W	24 V	775 lm/m	97 CRI	W8 x T1.1 mm (PCB width 8 mm, thickness 1.1 mm)	115.3°	Power per metre
OL-DNNF24120T09-8A29	24 V, 9.6 W, 120 LED/m, IP20	9.6 W	24 V	815 lm/m	97 CRI	W8 x T1.1 mm (PCB width 8 mm, thickness 1.1 mm)	115.3°	Power per metre
OL-WNNF24120T09-8A29	24 V, 9.6 W, 120 LED/m, IP20	9.6 W	24 V	815 lm/m	97 CRI	W8 x T1.1 mm (PCB width 8 mm, thickness 1.1 mm)	115.3°	Power per metre
OL-KNNF12120T09-8A29	12 V, 7.2 W, 120 LED/m, IP20	7.2 W	12 V	570 lm/m	97 CRI	W8 x T1.1 mm (PCB width 8 mm, thickness 1.1 mm)	115.5°	Power per metre
OL-INNF12120T09-8A29	12 V, 7.2 W, 120 LED/m, IP20	7.2 W	12 V	580 lm/m	97 CRI	W8 x T1.1 mm (PCB width 8 mm, thickness 1.1 mm)	115.5°	Power per metre
OL-DNNF12120T09-8A29	12 V, 7.2 W, 120 LED/m, IP20	7.2 W	12 V	610 lm/m	97 CRI	W8 x T1.1 mm (PCB width 8 mm, thickness 1.1 mm)	115.5°	Power per metre
OL-WNNF12120T09-8A29	12 V, 7.2 W, 120 LED/m, IP20	7.2 W	12 V	610 lm/m	97 CRI	W8 x T1.1 mm (PCB width 8 mm, thickness 1.1 mm)	115.5°	Power per metre

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.

9.6 W

115.3°			115.5°							
Ø3.14 m	341.1 lx	1 m	Ø3.15 m	228 lx	1 m					
Ø6.27 m	85.27 lx	2 m	Ø6.31 m	57 lx	2 m					
Ø9.41 m	37.9 lx	3 m	Ø9.46 m	25.33 lx	3 m					
Ø12.55 m	21.32 lx	4 m	Ø12.61 m	14.25 lx	4 m					
Ø15.68 m	13.64 lx	5 m	Ø15.76 m	9.119 lx	5 m					
Ø18.82 m	9.475 lx	6 m	Ø18.92 m	6.333 lx	6 m					
Ø21.96 m	6.961 lx	7 m	Ø22.07 m	4.653 lx	7 m					
Ø25.10 m	5.33 lx	8 m	Ø25.22 m	3.562 lx	8 m					
Ø28.23 m	4.211 lx	9 m	Ø28.37 m	2.815 lx	9 m					
Ø31.37 m	3.411 lx	10 m	Ø31.53 m	2.28 lx	10 m					
Beam	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m
115.3°	341.1 lx Ø3136.9 mm	85.27 lx Ø6273.8 mm	37.9 lx Ø9410.7 mm	21.32 lx Ø12547.6 mm	13.64 lx Ø15684.4 mm	9.475 lx Ø18821.3 mm	6.961 lx Ø21958.2 mm	5.33 lx Ø25095.1 mm	4.211 lx Ø28232 mm	3.411 lx Ø31368.9 mm
115.5°	228 lx Ø3152.7 mm	57 lx Ø6305.3 mm	25.33 lx Ø9458 mm	14.25 lx Ø12610.7 mm	9.119 lx Ø15763.3 mm	6.333 lx Ø18916 mm	4.653 lx Ø22068.7 mm	3.562 lx Ø25221.3 mm	2.815 lx Ø28374 mm	2.28 lx Ø31526.7 mm

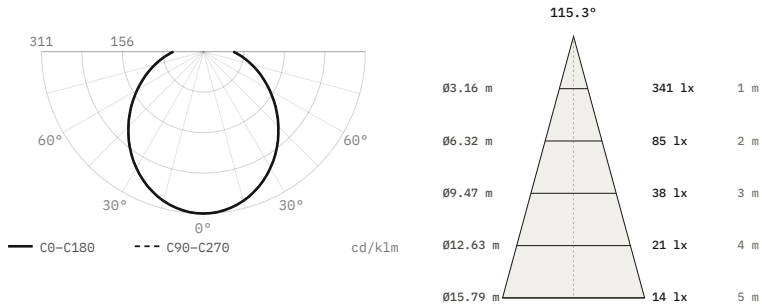
7.2 W

115.3°			115.5°							
Ø3.14 m	341.1 lx	1 m	Ø3.15 m	228 lx	1 m					
Ø6.27 m	85.27 lx	2 m	Ø6.31 m	57 lx	2 m					
Ø9.41 m	37.9 lx	3 m	Ø9.46 m	25.33 lx	3 m					
Ø12.55 m	21.32 lx	4 m	Ø12.61 m	14.25 lx	4 m					
Ø15.68 m	13.64 lx	5 m	Ø15.76 m	9.119 lx	5 m					
Ø18.82 m	9.475 lx	6 m	Ø18.92 m	6.333 lx	6 m					
Ø21.96 m	6.961 lx	7 m	Ø22.07 m	4.653 lx	7 m					
Ø25.10 m	5.33 lx	8 m	Ø25.22 m	3.562 lx	8 m					
Ø28.23 m	4.211 lx	9 m	Ø28.37 m	2.815 lx	9 m					
Ø31.37 m	3.411 lx	10 m	Ø31.53 m	2.28 lx	10 m					
Beam	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m
115.3°	341.1 lx Ø3136.9 mm	85.27 lx Ø6273.8 mm	37.9 lx Ø9410.7 mm	21.32 lx Ø12547.6 mm	13.64 lx Ø15684.4 mm	9.475 lx Ø18821.3 mm	6.961 lx Ø21958.2 mm	5.33 lx Ø25095.1 mm	4.211 lx Ø28232 mm	3.411 lx Ø31368.9 mm
115.5°	228 lx Ø3152.7 mm	57 lx Ø6305.3 mm	25.33 lx Ø9458 mm	14.25 lx Ø12610.7 mm	9.119 lx Ø15763.3 mm	6.333 lx Ø18916 mm	4.653 lx Ø22068.7 mm	3.562 lx Ø25221.3 mm	2.815 lx Ø28374 mm	2.28 lx Ø31526.7 mm

Photometry

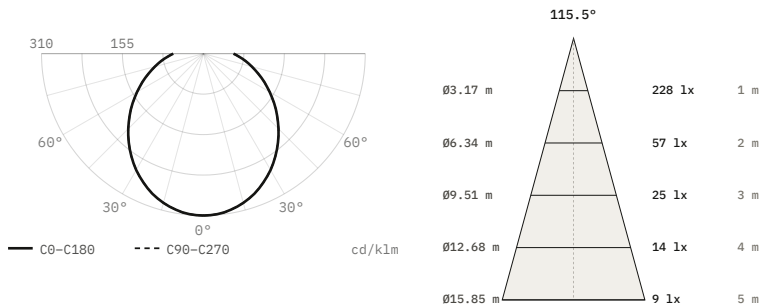
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for OL-KNNF24120T09-8A29, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

OL-KNNF24120T09-8A29, 9.6 W, 115.3° beam



Luminous flux	1,097 lm
Efficacy	114 lm/W
Peak intensity	341 cd, 311 cd/klm
Beam angle (50%)	115.3°
Cut-off angle (2.5%)	90°
Flux 0–30° / 30–60° / 60–90°	23.9 / 45.6 / 30.5 %
Size	8 × 0 mm
Data	Calculated from catalogue data

OL-KNNF24120T09-8A29, 9.6 W, 115.5° beam



Luminous flux	735 lm
Efficacy	77 lm/W
Peak intensity	228 cd, 310 cd/klm
Beam angle (50%)	115.5°
Cut-off angle (2.5%)	90°
Flux 0–30° / 30–60° / 60–90°	23.8 / 45.6 / 30.6 %
Size	8 × 0 mm
Data	Calculated from catalogue data

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Technical data may change without notice.