

Linear

Bet DL1649

Linear luminaire

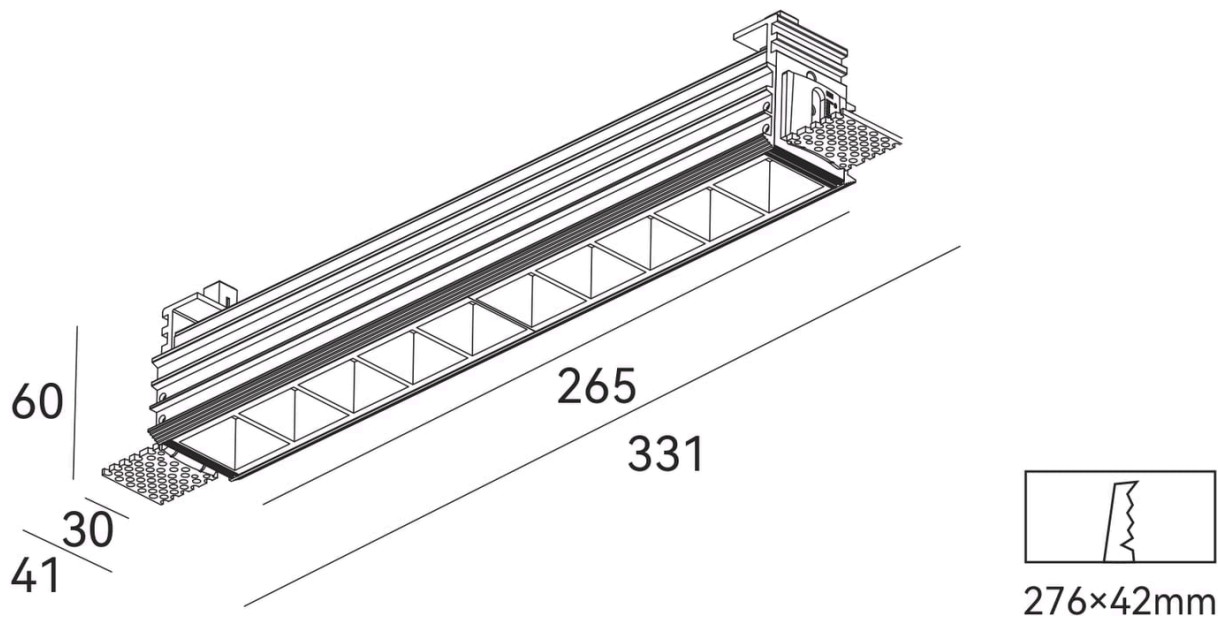


Linear luminaire. 20 W. Three beam angles, 15° to 38°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø276 mm
- LED source: Citizen

Power 20 W	Voltage max 32 V	Luminous flux 1800 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 38°
IP rating IP20	Certifications CE	Mounting Recessed
Finishes Black		

Dimensions



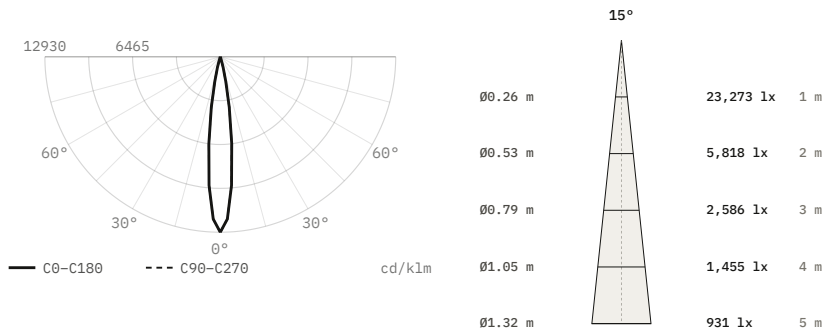
Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1649	20 W	max 32 V	1800 lm	97 CRI	L331 x W41 x H60 mm	Ø276 mm	15° 24° 38°	600 mA

Photometry

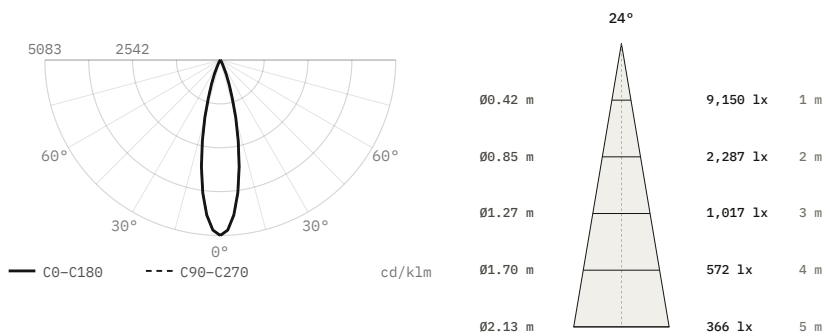
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1649, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

DL1649, 20 W, 15° beam



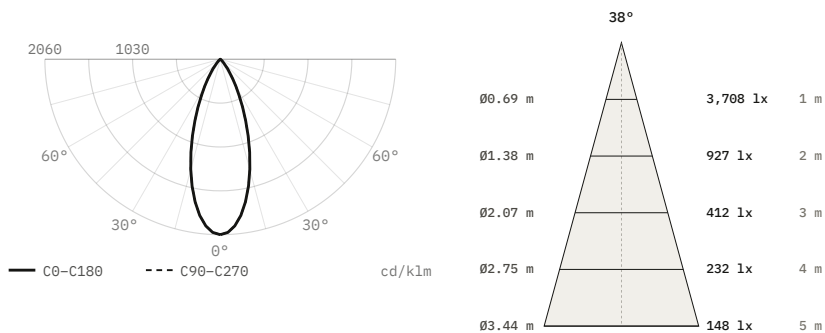
Luminous flux	1,800 lm
Efficacy	90 lm/W
Peak intensity	23,273 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	331 × 41 × 60 mm
Data	Calculated from catalogue data

DL1649, 20 W, 24° beam



Luminous flux	1,800 lm
Efficacy	90 lm/W
Peak intensity	9,150 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	331 × 41 × 60 mm
Data	Calculated from catalogue data

DL1649, 20 W, 38° beam



Luminous flux	1,800 lm
Efficacy	90 lm/W
Peak intensity	3,708 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	331 × 41 × 60 mm
Data	Calculated from catalogue data

