

IDL Series

DL8 - LED Downlight

Rev. Date: 14 September 2021

Product Description

The DL8 downlight of the new IDL series is an unrivalled combination of light quality and efficiency, bringing exceptional performance and value. Available in warm colour temperature (3000K), or natural colour temperature (4000K) and with DALI dimming functions, it can be easily installed in ceiling openings with a diameter of 110-176 cm. Thanks to a wide choice of options and accessories it is flexible to every need.

Applications: Residential and commercial applications, offices and schools.



Ordering Information

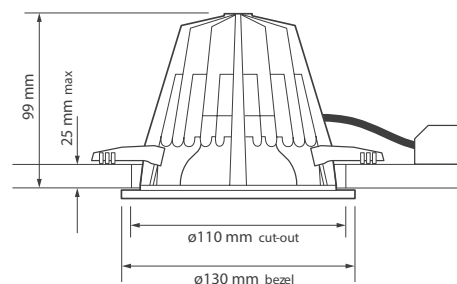
EX: DL8-A-1S-1L-308-24-WH-FX

DL8	A	1S	1L	308	24	WH	FX
Product	Version	Size	Lumen Package	CCT	Voltage	Bezel Color	Control Option
DL8 IDL Series	- A	- 1S D. 130mm	- 1L 8W 2L 14W 3L 19W	- 308 30K 80CRI 408 40K 80CRI	- 24 220-240V	- WH White BK Black BA Painted Aluminum	- FX ON - OFF DL DALI
		2S D. 195mm	3L 18W 4L 30W 5L 48W	308 30K 80CRI 408 40K 80CRI	24 220-240V	WH White BK Black BA Painted Aluminum	FX ON - OFF DL DALI

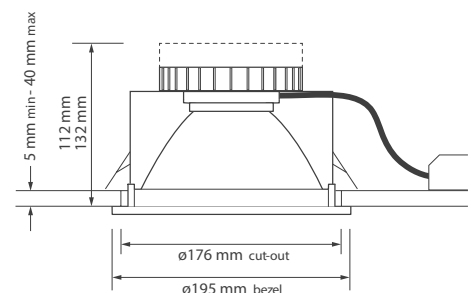
ACCESSORY INFORMATION

1S	IP54 Clear glass	IDL-1S-54
2S	IP54 Clear glass	IDL-2S-54

SIZE 1



SIZE 2



FEATURES

- LED Lumen output: Up to 4480lm
- LED module efficiency: up to 131lm/W
- Luminaire efficiency: up to 131lm/W
- CRI 80
- CCT: 3000K, 4000K
- MacAdam steps: 3 SDCM
- Operative temperature: -25°C up to +35°C
- Insulation class: Class II
- Protection Degree: IP20/IK04
- Mounting Options: Recessed
- Expected Lifetime: L80B10 Up to > 50.000 hrs
- Overvoltage protection: 1kV DM / 2kV CM
- UGR value:
 - o S1 from 16 to 19
 - o S2 from 18 to 21

CONSTRUCTION AND MATERIALS

- Durable aluminum housing protects the light source.
- Reflective aluminium optics
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WARRANTY AND CERTIFICATIONS

- Limited Warranty: 5 years
- Risk group exempt
- Compliant to: EN 60598-1; EN 60598-2-2; EN 61000-4-5 and EN 61547

ELECTRICAL DATA*

Input Power Designator	System Watts	Total Current	Power Factor
		Ø230V, 50Hz	
1S/1L	8W	0.07A	0,9
1S/2L	14W	0.11A	0,9
1S/3L	19W	0.09A	0,9
2S/3L	18W	0.08A	0,9
2S/4L	30W	0.15A	0,9
2S/5L	48W	0.22A	0,9

* Electrical data at 25°C (77°F)

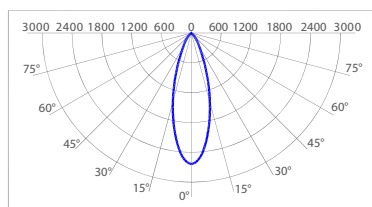
PRODUCT WEIGHT

1S	0.6 kg
2S	1.8 kg

Photometry

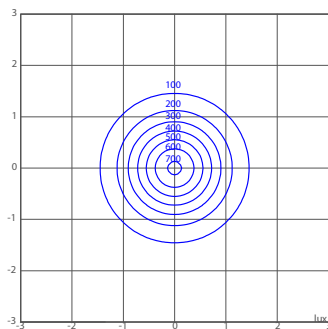
All published luminaire photometric testing performed to IESNA LM-79-08 standards by an external laboratory.
To obtain an IES file specific to your project consult: www.creelighting-europe.com.

40° - SPECULAR



cd/klm
— C0 - C180 — C90 - C270

DL8-A-1S-3L-408
Mounting Height: 3m

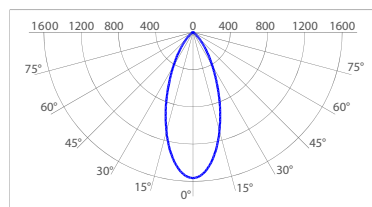


LUMEN OUTPUT - SIZE 1 40°

Input Power Designator	3000K	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*
1L	1020	1055
2L	1725	1787
3L	2370	2449

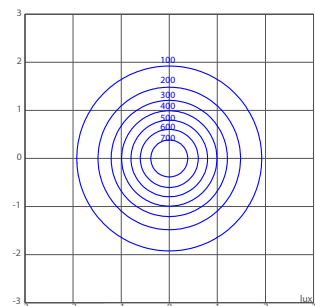
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

40° - SPECULAR



cd/klm
— C0 - C180 — C90 - C270

DL8-A-2S-5L-408
Mounting Height: 3m



LUMEN OUTPUT - SIZE 2 40°

Input Power Designator	3000K	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*
3L	1723	1867
4L	2645	2869
5L	4130	4480

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens