

PRODUCT DATASHEET

DL ALU DN 150 14 W 6500 K IP44/IP20 WT

DOWNLIGHT ALU | Downlight luminaires with aluminum housing



AREAS OF APPLICATION

- Direct replacement for luminaires with compact fluorescent lamps
- General illumination
- Public areas
- Stairways
- Corridors
- Foyers
- Shops

PRODUCT BENEFITS

- High luminous efficacy
- Energy savings up to 60 % (compared to luminaires that use CFL lamps)
- Very homogenous light
- Functional design
- Easy installation with fast connection
- External driver for extended flexibility (compatible with selected DALI drivers)
- 5 years guarantee

PRODUCT FEATURES

- Diameter of required ceiling cut-out: 150 mm or 200 mm (depending on version)
- Type of protection: IP44



TECHNICAL DATA

Electrical data

Nominal wattage	14.00 W
Operating mode	External LED driver
Nominal voltage	220...240 V
Power factor λ	>0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	128
Max. no. of lum. on circuit break. C10 A	80
Max. no. of lum. on circuit break. C16 A	128
Inrush current	4.0 A
Total harmonic distortion	< 20 %

Luminaire control gear data

ECG - Length	83 mm
ECG - Width	39 mm
Output current	27...42 mA
ECG - Output ripple current	<45 %

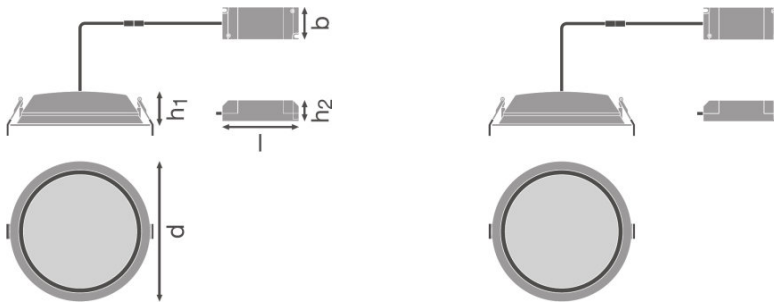
Photometrical data

Color temperature	6500 K
Luminous flux	1330 lm
Luminous efficacy	95 lm/W
Standard deviation of color matching	≤ 6 sdc _m
Light color (designation)	Cool Daylight
Color rendering index Ra	>80

Light technical data

Beam angle	100.00 °
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Dimensions & weight



Diameter	160.0 mm
Height	52.0 mm
Product weight	360.00 g
Mounting diameter	150.0 mm

Colors & materials

Body material	Aluminum
Product color	White
Housing color	White
Cover material	Polymethylmethacrylate (PMMA)

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
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Lifespan

Number of switching cycles	100000
Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	45000 h
Lifespan L90/B10 at 25 °C	30000 h

Additional product data

Mounting type	Recessed
Mounting location	Ceiling

Capabilities

Dimmable	No
Type of connection	Screwless terminal, 2-Pole
LED module replaceable	Not replaceable

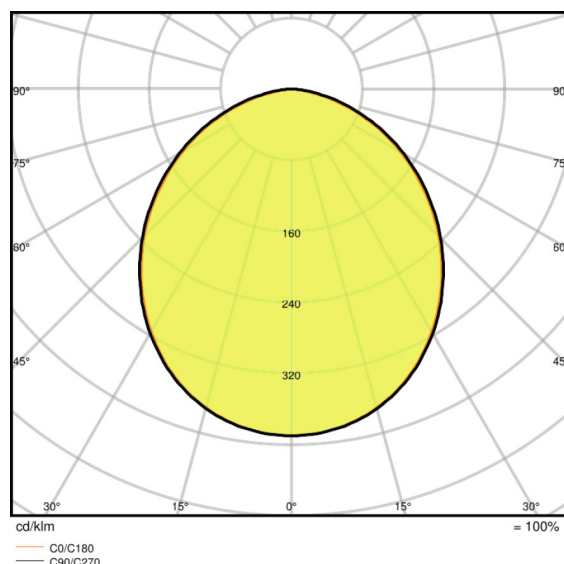
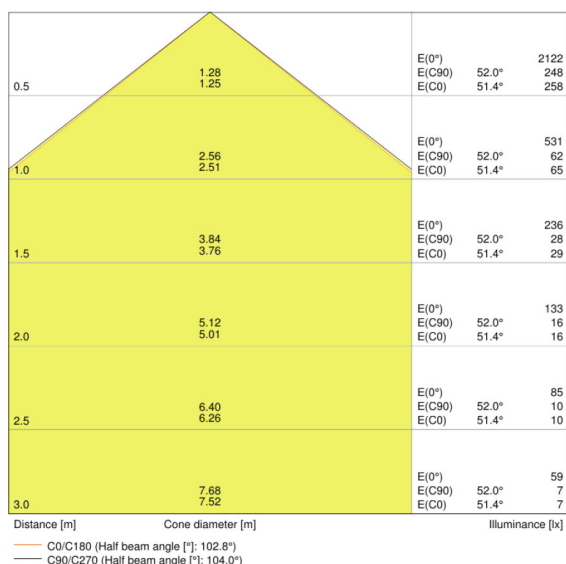
Certificates & standards

Protection class IK (shock resistance)	IK02
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobio. safety group acc. to EN62471	RG0
Protection class	II
Type of protection	IP44/IP20
Standards	CE/CB/ENEC/TÜV SÜD/RoHS

Logistical data

Temperature range at storage	-20...+80 °C
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Light Distribution



LDC typ cone

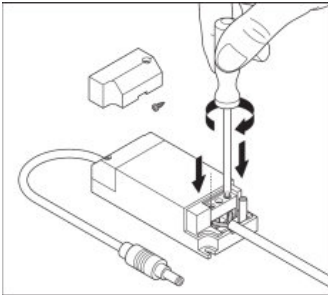
LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075091474	Folding carton box 1	175 mm x 175 mm x 85 mm	480.00 g	2.60 dm ³
4058075091481	Shipping carton box 8	365 mm x 365 mm x 185 mm	4158.00 g	24.65 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION



REFERENCES / LINKS

For Guarantee see

▶ www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.