PRODUCT DATASHEET
DL ALU DN 150 14 W 6500 K IP44 WT

DOWNLIGHT ALU | Downlight luminaires with aluminum housing



AREAS OF APPLICATION

- Direct replacement for luminaires with 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



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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

Luminaire control gear data

Ouput current	27...42 mA
ECG - Output ripple current	<45 %

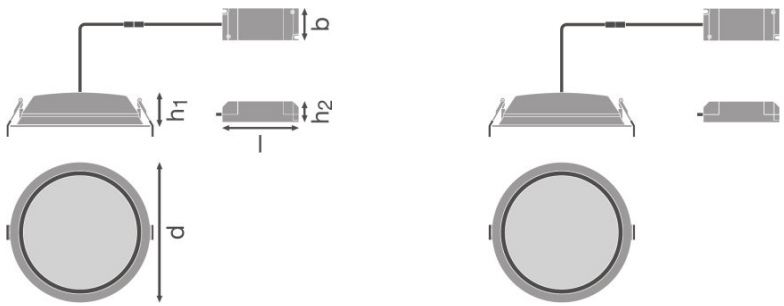
Photometrical data

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

Light technical data

Beam angle	100.00 °

Dimensions & weight



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

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Colors & materials

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

Temperatures & operating conditions

Ambient temperature range	-20…45 °C

Lifespan

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

Additional product data

Mounting type	Recessed
Mounting location	Ceiling
Product remark	Available from July 2018

Capabilities

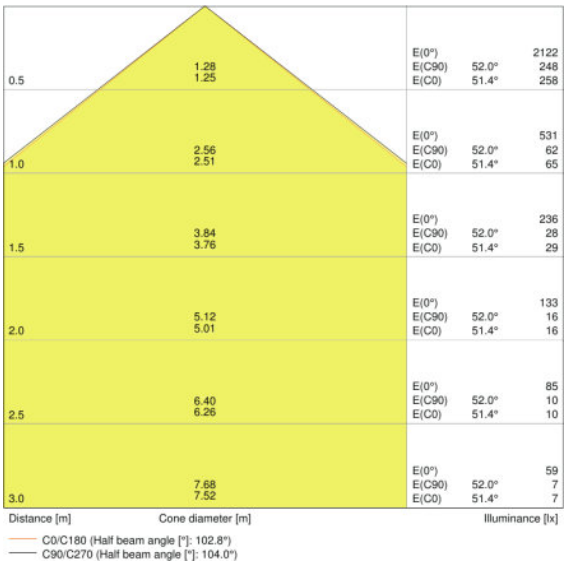
Dimmable	No
Type of connection	Terminal, 2-Pole (L, N)
LED module replaceable	Not replaceable

Certificates & standards

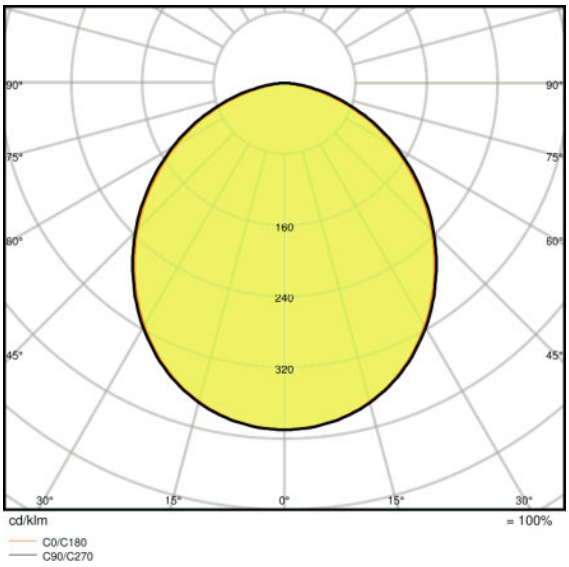
Protection class IK (shock resistance)	IK02
Glow Wire Test according to IEC 695-2-1	650 °C
Photobiological safety group	RG 0
Protection class	II
Type of protection	IP44
Standards	CE/CB/ENEC/TÜV SÜD/RoHS

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Light Distribution



LDC typ cone



LDC typ polar

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075091474	DL ALU DN 150 14 W 6500 K IP44 WT	Shipping carton box 8	365 mm x 365 mm x 185 mm	24.65 dm^3	4290.00 g

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.

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.

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