

# PRODUCT DATASHEET

## DL ALU DN 150 14 W 4000 K IP44/IP20 WT

DOWNLIGHT ALU | Downlight luminaires with aluminum housing



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### AREAS OF APPLICATION

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

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### 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

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### 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 $\lambda$	>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 %

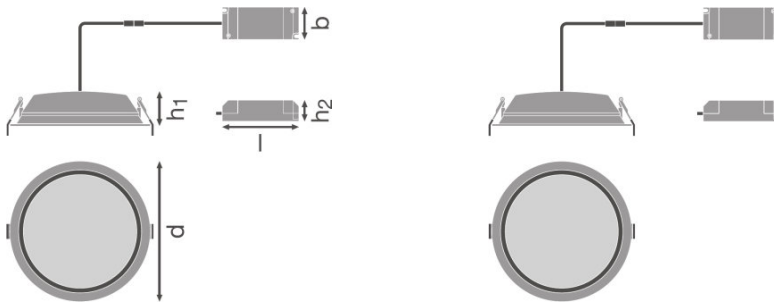
### Photometrical data

Color temperature	4000 K
Luminous flux	1260 lm
Luminous efficacy	90 lm/W
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Light color (designation)	Cool White
Color rendering index Ra	>80

### Light technical data

Beam angle	100.00 °
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## Dimensions & weight



<b>Diameter</b>	160.0 mm
<b>Height</b>	52.0 mm
<b>Product weight</b>	360.00 g
<b>Mounting diameter</b>	150.0 mm

## Colors & materials

<b>Body material</b>	Aluminum
<b>Product color</b>	White
<b>Housing color</b>	White
<b>Cover material</b>	Polymethylmethacrylate (PMMA)

## Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+45 °C
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## Lifespan

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

## Additional product data

<b>Mounting type</b>	Recessed
<b>Mounting location</b>	Ceiling

## Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Screwless terminal, 2-Pole
<b>LED module replaceable</b>	Not replaceable

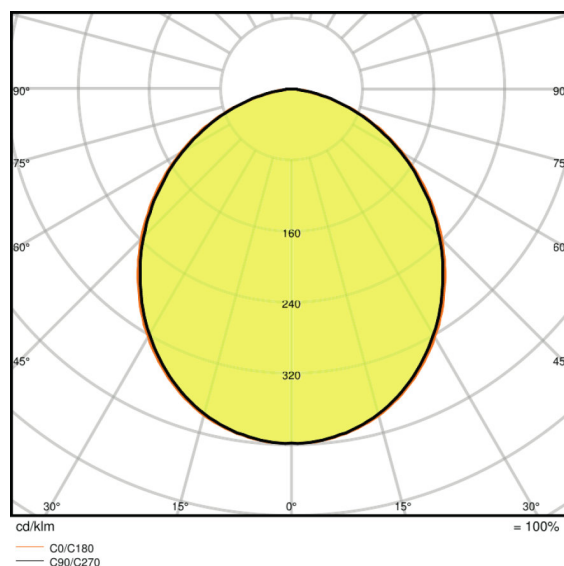
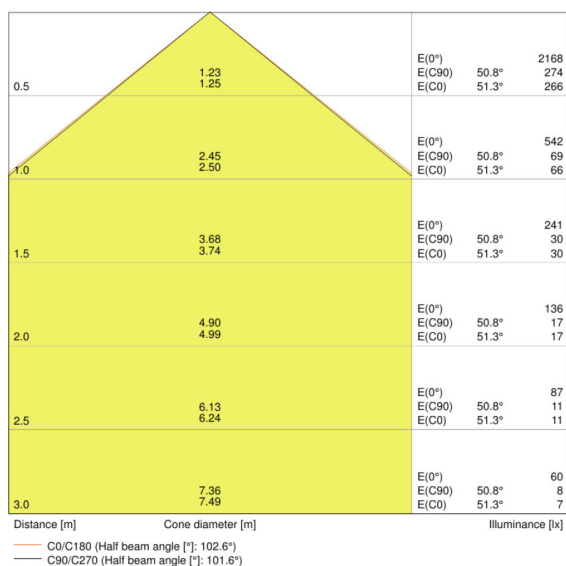
### Certificates & standards

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



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LDC typ polar

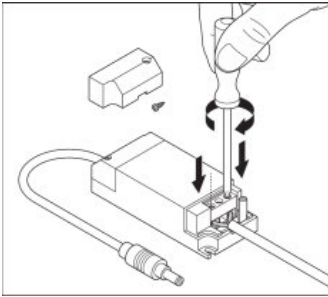
### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075091450	Folding carton box 1	175 mm x 175 mm x 85 mm	480.00 g	2.60 dm <sup>3</sup>
4058075091467	Shipping carton box 8	365 mm x 365 mm x 185 mm	4092.00 g	24.65 dm <sup>3</sup>

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.

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## ADDITIONAL CATALOG INFORMATION



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## REFERENCES / LINKS

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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