

# PRODUCT DATASHEET

## DL ALU DN 150 mm 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
Nominal current	100 mA
Inrush current	4 A
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
Total harmonic distortion	< 20 %

### Luminaire control gear data

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

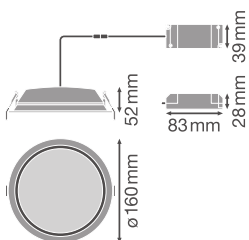
### Photometrical data

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

### Light technical data

Beam angle	100 °
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### Dimensions & weight



Diameter	160.00 mm
Height	52.00 mm
Mounting diameter	150 mm
Mounting depth	100 mm
Product weight	360.00 g

### 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

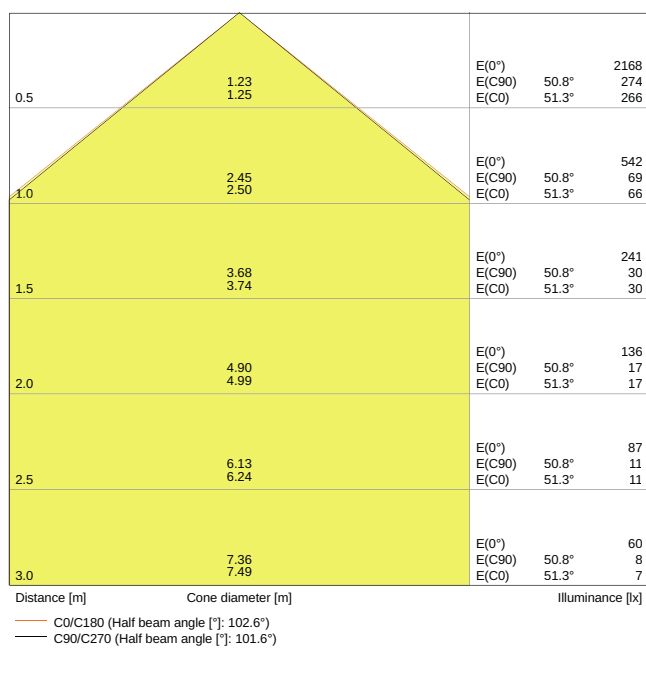
Mounting type	Recessed
Mounting location	Ceiling

### Capabilities

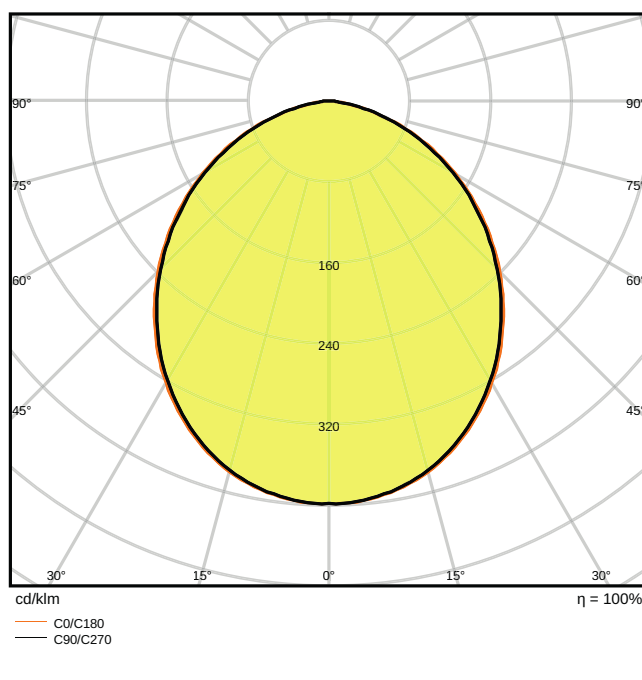
Dimmable	No
Type of connection	Screwless terminal, 2-Pole
LED module replaceable	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK02
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group acc. to EN62471	RG0
Protection class	II
Type of protection	IP44/IP20
Ball shot safe	No
Standards	CE / CB / ENEC / TÜV SÜD



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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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DOWNLOAD DATA

DOWNLOAD DATA



User instruction  
UI Downlight ALU

## DOWNLOAD DATA

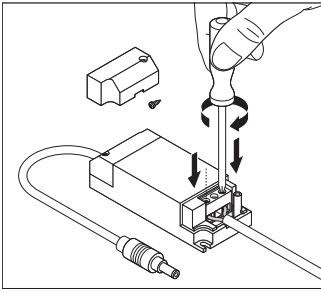
	PRODUCT DATASHEET DOWNLIGHT LED 150 14 W 4000 K WT
	Tender documents Tender Text 4058075091450
	Certificates EAEC N RU D-DE.MYu62.B.02016 20 14.07.2020-13.07.2025
	Certificates RU C-DE.AJa46.B.87420 06.09.2018-28.06.2023
	Declarations of conformity EU Declaration of Conformity DOWNLIGHT ALU LEDV
	Declarations of conformity CE-Certificate Downlight ALU TUV
	On-Pack-Info Legal Insert Downlight LED ALU+Comfort
	IES file (IES) DL ALU 14W4000K WT IP44
	LDT file (Eulumdat) DL ALU 14W4000K WT IP44
	R3D file (Relux 3D Model) Downlight alu dn 150
	M3D file (3D Model) Downlight_Alum_DN150
	ULD file (DIALux) DOWNLIGHTALU15014W4000KIP44WT
	UGR file (UGR table) DL ALU 14W4000K WT IP44

## LOGISTICAL DATA

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

## 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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