

PRODUCT DATASHEET

DL ALU DN 150 14 W 3000 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



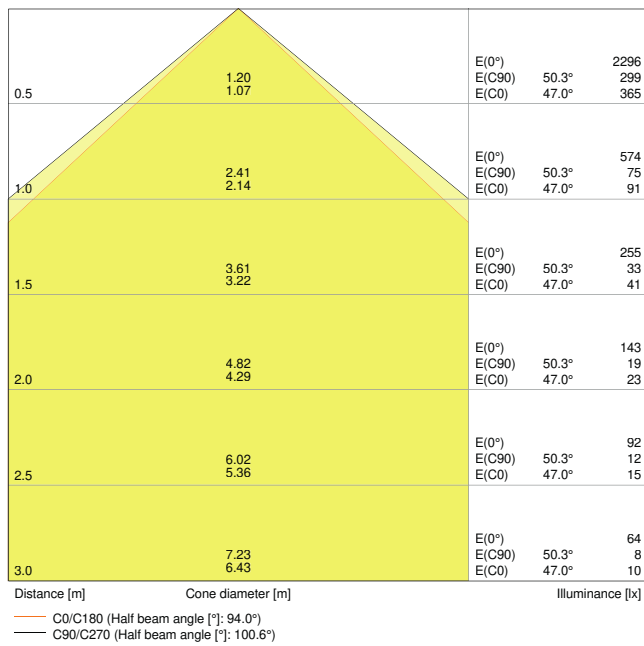
TECHNICAL DATA

Electrical data

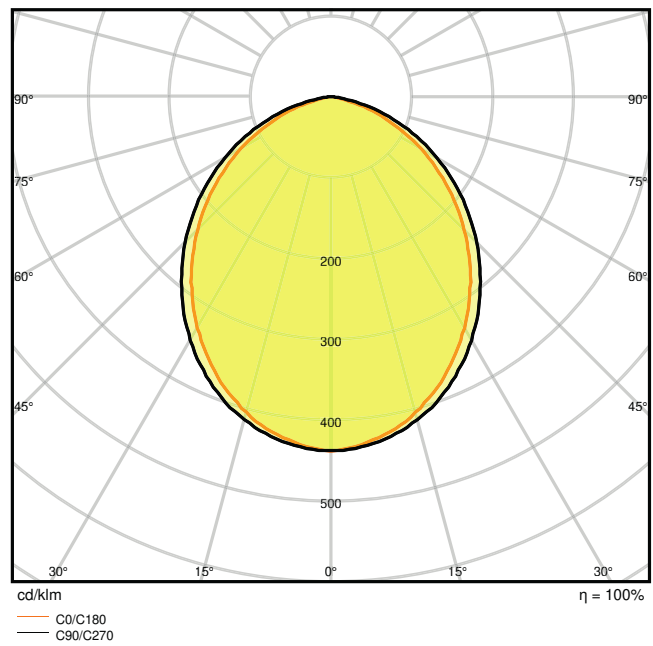
Nominal wattage	14.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	100 mA
Inrush current	4 A
Max. number of luminaires per miniature circuit breaker B16	128
Max. number of luminaires per miniature circuit breaker C10	80
Max. number of luminaires per miniature circuit breaker C16	128
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	1190 lm
Luminous efficacy	85 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤6 sdc _m
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	100 °



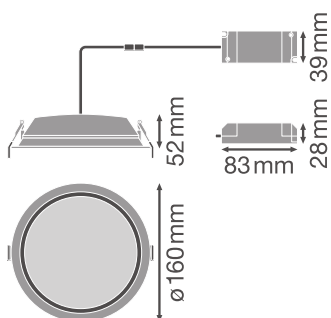
DL ALU 14W3000K WT IP44



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Dimensions & Weight

Diameter	160.00 mm
Height	52.00 mm
Product weight	360.00 g



DL ALU DN150 14W

Materials & Colors

Product color	White
Housing color	White

Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+45 °C
Temperature range at storage	-20...+80 °C
Type of connection	Screwless terminal, 2-Pole
Type of protection	IP44/IP20
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	150 mm
Mounting depth	100 mm
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	45000 h ¹⁾
Lifespan L80/B50 at 25 °C	45000 h
Lifespan L90/B10 at 25 °C	30000 h
Number of switching cycles	100000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear


Output current	27...42 mA
ECG - Output ripple current	< 45 %
ECG - Length	83 mm
ECG - Width	39 mm
ECG - Height	28 mm

Certificates & Standards

Standards	CE / CB / ENEC / TÜV SÜD / RoHS
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Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable





Accessories Optional






Product image	Product name	EAN
	EM CONVERSION BOX	4058075237025

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.

DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	UI Downlight ALU
 On-Pack-Info	Legal Insert Downlight LED ALU+Comfort
 Declarations of conformity	CE-Certificate Downlight ALU TUV
 Declarations of conformity	EU Declaration of Conformity DOWNLIGHT ALU LEDV

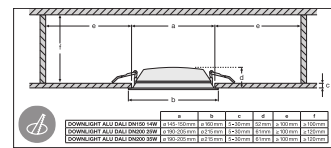
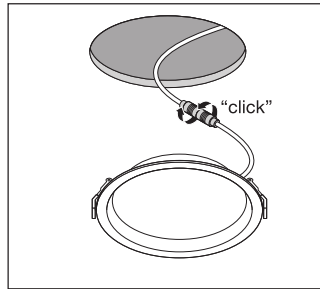
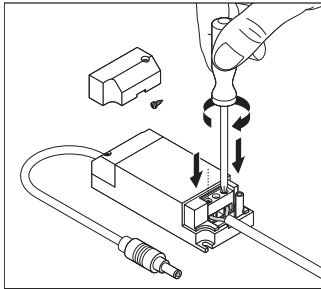
Photometric and lighting design files	Document name
 IES file (IES)	DL ALU 14W3000K WT IP44
 LDT file (Eulumdat)	DL ALU 14W3000K WT IP44
 UGR file (UGR table)	DL ALU 14W3000K WT IP44
 Light distribution curve type cone	DL ALU 14W3000K WT IP44
 Light distribution curve type polar	DL ALU 14W3000K WT IP44

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075382817	Folding box 1	175 mm x 175 mm x 85 mm	480.00 g	2.60 dm ³
4058075382824	Shipping box 8	365 mm x 365 mm x 185 mm	4290.00 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.