PRODUCT DATASHEET
DL ALU DALI DN 200 mm 25 W 4000 K IP44/IP20 WT

DOWNLIGHT ALU DALI | Downlight luminaires with aluminum housing and DALI driver

Areas of application

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

Product benefits

- Advanced functionality due to already included DALI driver
- DALI driver with individual luminaire current set-up already installed
- 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
- 5 years guarantee

Product features

- Advanced applications with DALI light installations
- Diameter of required ceiling cut-out: 150 mm or 200 mm (depending on version)
- Type of protection: IP44

TECHNICAL DATA

Electrical data

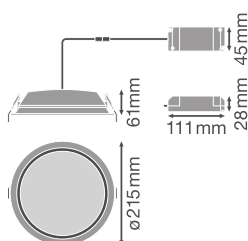|	
Nominal wattage	25.00 W
Operating mode	External LED driver
Nominal voltage	220...240 V
Nominal current	110 mA
Inrush current	23 A
Inrush current time T_{h50}	151 µs
Power factor λ	> 0,90
Mains frequency	0/50/60 Hz
Max. no. of lum. on circuit break. B16 A	32
Max. no. of lum. on circuit break. C10 A	31
Max. no. of lum. on circuit break. C16 A	53
Total harmonic distortion	< 20 %

Photometrical data

Color temperature	4000 K
Luminous flux	2370 lm
Luminous efficacy	95 lm/W
Light color	Cool White
Standard deviation of color matching	≤6 sdcm
Color rendering index Ra	> 80

Light technical data

Beam angle	100 °

Dimensions & weight

Diameter	215.00 mm
Height	61.00 mm
Mounting diameter	200 mm
Product weight	600.00 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

Lifespan

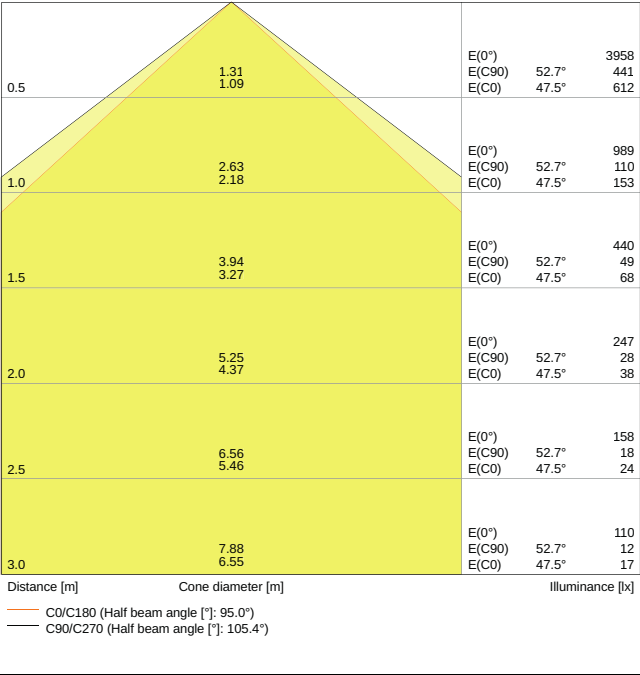|	
Number of switching cycles	100000
Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	45000 h
Lifespan L90/B10 at 25 °C	30000 h

Additional product data

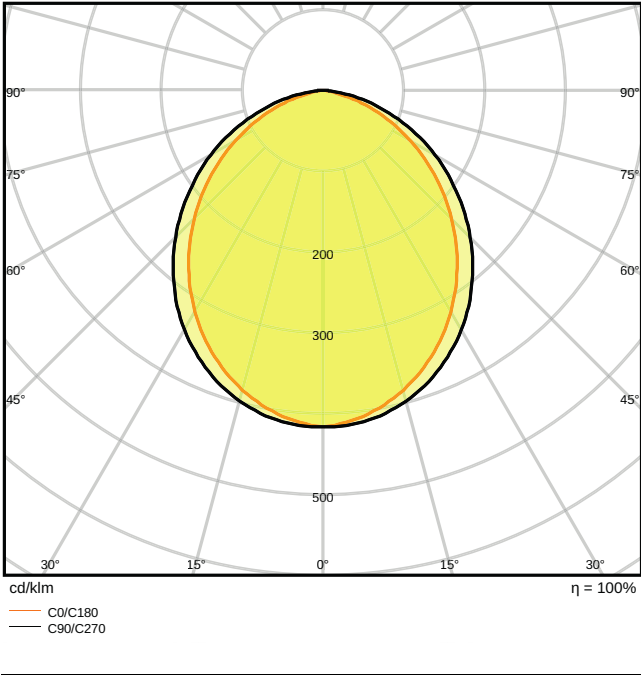|	
Mounting type	Recessed
Mounting location	Ceiling

Capabilities

Dimmable	Yes
Type of connection	Screwless terminal, 5-Pole
LEDmod replaceable	Not replaceable
Ball shot safe	No

Certificates & standards

Protection class IK (shock resistance)	IK02
Glow Wire Test according to IEC 60695-2-11	650 °C
Photobio. safety group acc. to EN62471	RG0
Protection class	II
Type of protection	IP44
Standards	CE / CB / EAC / RoHS

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	1.31 1.09	E(0°) E(C90) 52.7° E(C0) 47.5°	3958 441 612
1.0	2.63 2.18	E(0°) E(C90) 52.7° E(C0) 47.5°	989 110 153
1.5	3.94 3.27	E(0°) E(C90) 52.7° E(C0) 47.5°	440 49 68
2.0	5.25 4.37	E(0°) E(C90) 52.7° E(C0) 47.5°	247 28 38
2.5	6.56 5.46	E(0°) E(C90) 52.7° E(C0) 47.5°	158 18 24
3.0	7.88 6.55	E(0°) E(C90) 52.7° E(C0) 47.5°	110 12 17

—— C0/C180 (Half beam angle [°]: 95.0°)
—— C90/C270 (Half beam angle [°]: 105.4°)

LDC typ cone

cd/klm η = 100%

—— C0/C180
—— C90/C270

LDC typ polar

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction DOWNLIGHT ALU DALI
	Tender documents Tender Text 4058075091634
PDF	Certificates EAEC N RU D-DE.MYu62.B.02016 20 14.07.2020-13.07.2025
PDF	Declarations of conformity Declaration of conformity
	IES file (IES) DL ALU DALI DN200 25W 4000K WT IP44
	LDT file (Eulumdat) DL ALU DALI DN200 25W 4000K WT IP44
	R3D file (Relux 3D Model) Downlight alu dn 200

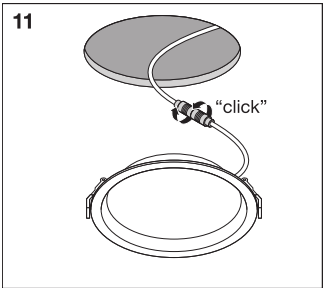|	DOWNLOAD DATA
	M3D file (3D Model) Downlight_Alu_DN200
	UGR file (UGR table) DL ALU DALI DN200 25W 4000K WT IP44

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075091634	Folding box 1	225 mm x 225 mm x 110 mm	775.00 g	5.57 dm³
4058075091641	Shipping box 8	658 mm x 466 mm x 263 mm	7680.00 g	80.64 dm³

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.