

# PRODUCT DATASHEET

## DL SLIM ALU DN 205 22 W 3000 K WT

DOWNLIGHT SLIM ALU GEN 1 | Flat downlights with external driver and aluminum housing



### Areas of application

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

### Product benefits

- Very slim housing
- Low installation depth
- High luminous efficacy
- Energy savings up to 60 % (compared to luminaires that use CFL lamps)
- Very homogenous light
- Functional design
- External driver for easy replacement
- 5 years guarantee

### Product features

- Solid aluminum housing in white
- Small visible bezel



- Light guide made of non-yellowing PMMA for long lifetime

## TECHNICAL DATA

### Electrical data

Nominal wattage	22.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	190 mA
Inrush current	11 A
Inrush current time $T_{h50}$	533 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	11
Max. number of luminaires per miniature circuit breaker C10	11
Max. number of luminaires per miniature circuit breaker C16	18
Power factor $\lambda$	> 0.5
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Electronic control gear (ECG)

### Photometrical data

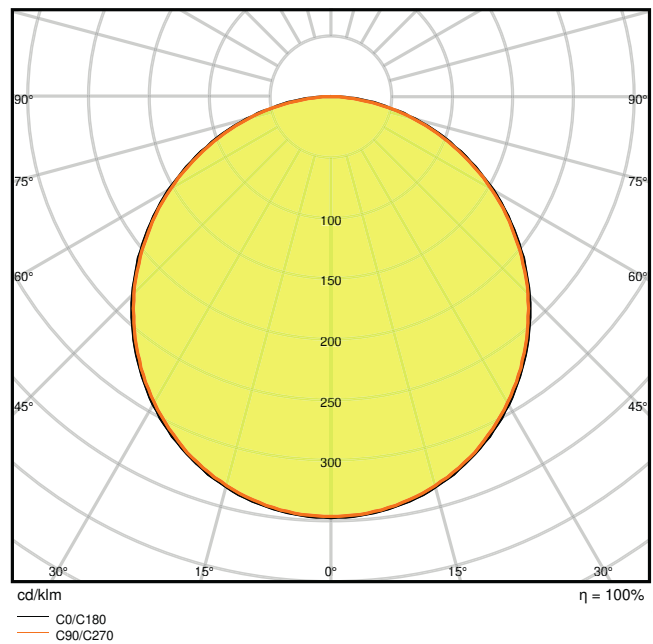
Luminous flux	1850 lm
Luminous efficacy	85 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

0.5	1.49 1.51	E(0°) 2568 E(C90) 221 E(C0) 218
1.0	2.99 3.01	E(0°) 642 E(C90) 55 E(C0) 55
1.5	4.48 4.52	E(0°) 285 E(C90) 25 E(C0) 24
2.0	5.98 6.02	E(0°) 161 E(C90) 14 E(C0) 14
2.5	7.47 7.53	E(0°) 103 E(C90) 9 E(C0) 9
3.0	8.96 9.03	E(0°) 71 E(C90) 6 E(C0) 6

Distance [m]                      Cone diameter [m]                      Illuminance [lx]

— C0/C180 (Half beam angle [°]: 112.8°)  
— C90/C270 (Half beam angle [°]: 112.4°)

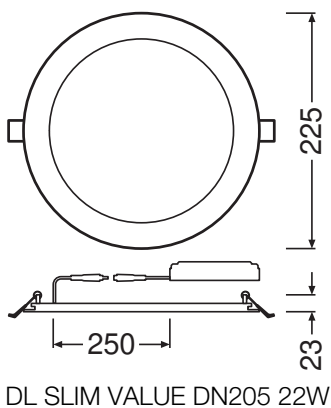
4058075064003 DL SLIM VALUE DN205 22W 3000K WT



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Dimensions & Weight

Diameter	225.00 mm
Height	23.00 mm
Product weight	350.00 g



Materials & Colors

Product color	White
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Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-30...+70 °C
Type of connection	Screwless terminal, 2-Pole
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling / Wall
Application environment	Indoor
Mounting diameter	205 mm
Mounting depth	40 mm
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	30000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	30000 h
Lifespan L90/B10 at 25 °C	15000 h
Number of switching cycles	50000

<sup>1)</sup> 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	360 mA
ECG - Output ripple current	≤ 10 %
ECG - Length	120 mm
ECG - Width	42 mm
ECG - Height	28 mm


### Certificates & Standards

Standards	CE / CB
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	Not relevant
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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	Downlight Slim Value
 On-Pack-Info	Legal Insert Downlight LED ALU+Comfort
 Legal information	LSI DL SLIM ALU
 Legal information	Informationstext 18 Abs 4 ElektroG
 Declarations of conformity	EU Declaration of Conformity DOWNLIGHT SLIM ALU TÜV Rh
 Declarations of conformity	EU Declaration of Conformity DOWNLIGHT SLIM ALU LEDV
 Declarations of conformity UKCA	DL SLIM ALU

Photometric and lighting design files		Document name
	IES file (IES)	DL SLIM VALUE DN205 22W 3000K WT
	LDT file (Eulumdat)	DL SLIM VALUE DN205 22W 3000K WT
	ULD file (DIALux)	DOWNLIGHTSLIMALU20522W3000KWT
	ROLF file (RELUX)	DL SLIM ALU DN205
	UGR file (UGR table)	4058075064003 DL SLIM VALUE DN205 22W 3000K WT
	Light distribution curve type cone	4058075064003 DL SLIM VALUE DN205 22W 3000K WT
	Light distribution curve type polar	4058075064003 DL SLIM VALUE DN205 22W 3000K WT

CAD/BIM files		Document name
	BIM Revit 3D	DL SLIM ALU
	CAD STEP 3D	DL Slim Alu 22W

Tender texts		Document name
	Tender documents	DOWNLIGHT SLIM ALU 205 22 W 3000 K WT-EN

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075064003	Folding box 1	47 mm x 227 mm x 228 mm	435.00 g	2.43 dm <sup>3</sup>
4058075064010	Shipping box 10	495 mm x 245 mm x 245 mm	4766.00 g	29.71 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.

### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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