PRODUCT DATASHEET
DL SLIM DN 0 6 W 4000 K WT

DOWNLIGHT SLIM ROUND | Flat downlights with integrated driver, round shape

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
− Easy installation with fast connection
− Simple installation thanks to integrated driver

Product features

− Small visible bezel
− Connector box with push wire terminal for tool-free connection

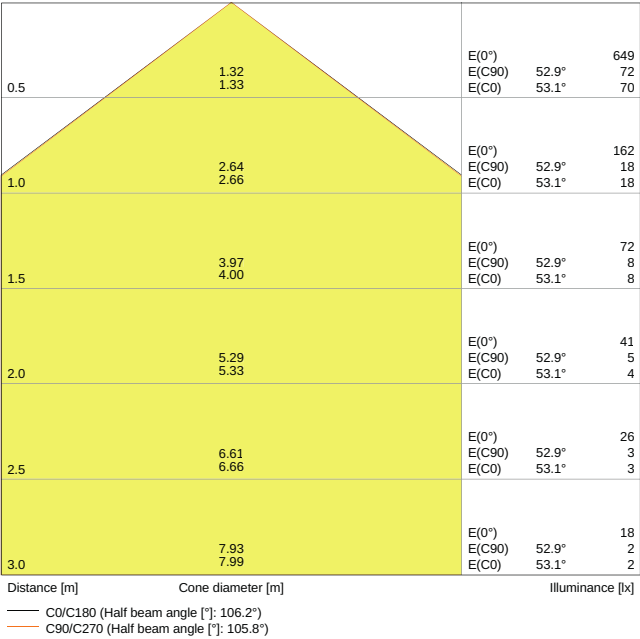– Light guide made of non-yellowing PMMA for long lifetime
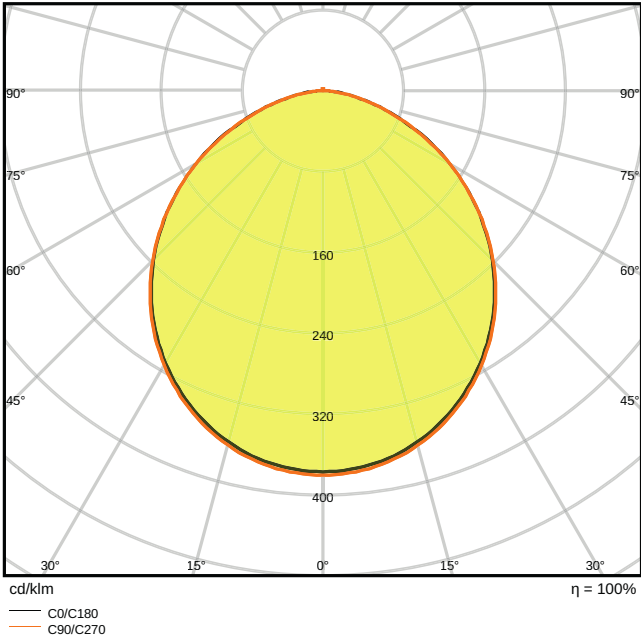
TECHNICAL DATA

Electrical data

Nominal wattage	6.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	58 mA
Inrush current	6 A
Inrush current time T_{h50}	120 µs
Max. no. of lum. on circuit break. B16 A	72
Max. no. of lum. on circuit break. C10 A	60
Max. no. of lum. on circuit break. C16 A	96
Power factor λ	0.50
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

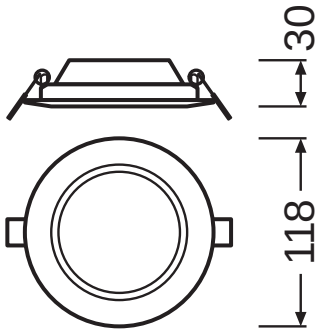|	
Luminous flux	430 lm
Luminous efficacy	70 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	1.32 1.33	E(0°) E(C90) 52.9° E(C0) 53.1°	649 72 70
1.0	2.64 2.66	E(0°) E(C90) 52.9° E(C0) 53.1°	162 18 18
1.5	3.97 4.00	E(0°) E(C90) 52.9° E(C0) 53.1°	72 8 8
2.0	5.29 5.33	E(0°) E(C90) 52.9° E(C0) 53.1°	41 5 4
2.5	6.61 6.66	E(0°) E(C90) 52.9° E(C0) 53.1°	26 3 3
3.0	7.93 7.99	E(0°) E(C90) 52.9° E(C0) 53.1°	18 2 2

— C0/C180 (Half beam angle [°]: 106.2°)
— C90/C270 (Half beam angle [°]: 105.8°)

LDC typ cone

cd/klm   η = 100%

— C0/C180
— C90/C270

LDC typ polar

Dimensions & Weight

Diameter	118.00 mm
Height	30.00 mm
Product weight	158.00 g

Materials & Colors

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

Application & Mounting

Ambient temperature range	-20...+50 °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
Mounting depth	50,0 mm
LED module replaceable	Not replaceable

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Lifespan L80/B10 at 25 °C	20000 h
Lifespan L90/B10 at 25 °C	12000 h
Number of switching cycles	50000

Control gear

ECG - Output ripple current	< 6.5 %

Certificates & Standards

Standards	CE / CB / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

EQUIPMENT / ACCESSORIES

– Surface mounting frames available as accessories

DOWNLOAD DATA

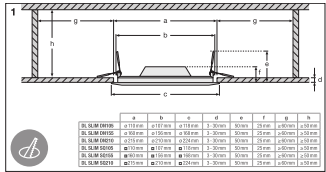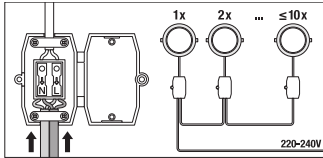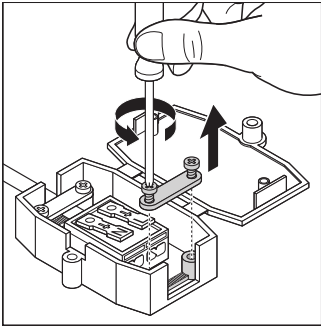|	DOWNLOAD DATA
PDF	PRODUCT DATASHEET DOWNLIGHT LED SLIM ROUND 105 6 W 4000 K WT
	Tender documents Tender Text 4058075078994
PDF	Declarations of conformity CE Certificate downlight Slim
PDF	Installation guide User Instruction Downlight LED Slim
PDF	On-Pack-Info Legal Insert Downlight Slim
	IES file (IES) DL SLIM DN105 6W 4000K WT IP20
	LDT file (Eulumdat) DL SLIM DN105 6W 4000K WT IP20
	M3D file (3D Model) DOWNLIGHT LED SLIM ROUND 105.m3d
	ULD file (DIALux) DOWNLIGHTSLIMROUND1056W4000KWT
	UGR file (UGR table) 4058075052246 DL SLIM DN105 6W 4000K WT IP20

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075078994	Folding box 1	45 mm x 145 mm x 145 mm	192.00 g	0.95 dm³
4058075079007	Shipping box 6	290 mm x 165 mm x 167 mm	1317.00 g	7.99 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

1x 2x ... ≤10x

220-240V

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.