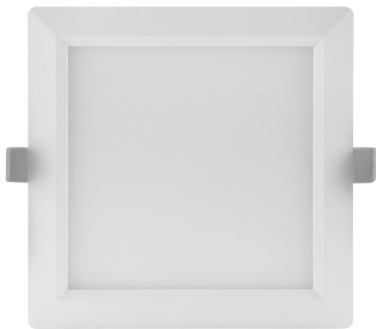# PRODUCT DATASHEET
DL SLIM SQ 210 18 W 6500 K WT

DOWNLIGHT SLIM SQUARE | Flat downlights with integrated driver, square 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	18.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	0.50
Mains frequency	50/60 Hz

Luminaire control gear data

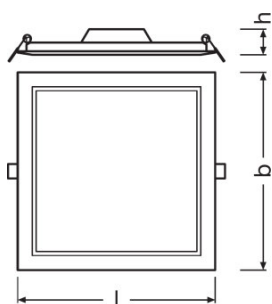|	
Ouput current	295 mA
ECG - Output ripple current	<6.5 %
Max. no. of lum. on circuit break. B16 A	44
Max. no. of lum. on circuit break. C10 A	35
Max. no. of lum. on circuit break. C16 A	56

Photometrical data

Color temperature	6500 K
Luminous flux	1530 lm
Luminous efficacy	85 lm/W
Standard deviation of color matching	<6 sdcm
Light color (designation)	Cool Daylight
Color rendering index Ra	>80

Light technical data

Beam angle	120 °

Dimensions & weight

Length	225.0 mm
Width	225.0 mm

Height	30.0 mm
Product weight	527.00 g
Mounting length	210.0 mm
Mounting width	210.0 mm

Colors & materials

Body material	Polycarbonate (PC)
Housing color	White
Product color	White
Cover material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C

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

Additional product data

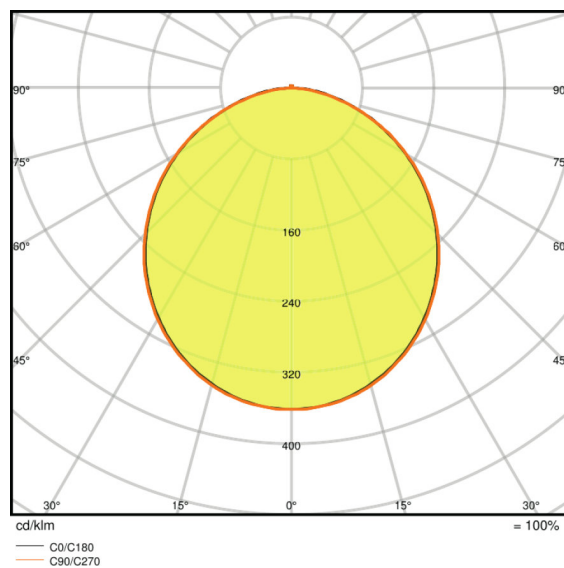| Mounting type	Recessed
Mounting location	Ceiling / Wall

Capabilities

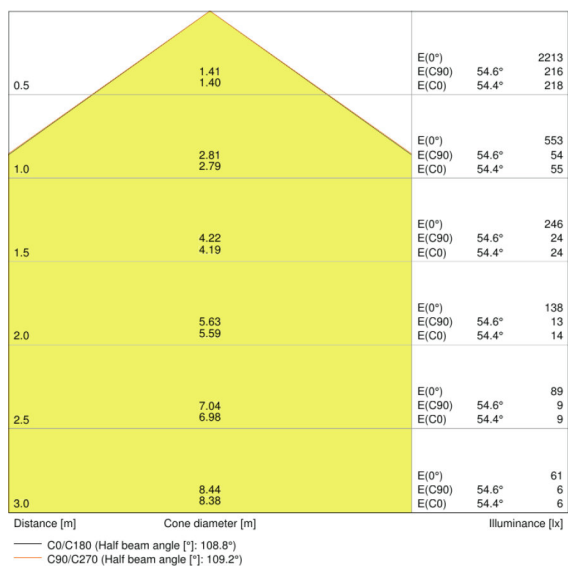| Dimmable	No
Type of connection	Screwless terminal, 2-Pole
LED module replaceable	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK03
Glow Wire Test according to IEC 695-2-1	650 °C
Photobio. safety group acc. to EN62471	RG 0
Protection class	II
Type of protection	IP20
Standards	CE/CB/EAC/RoHS

Light Distribution

0.5	1.41 1.40	E(0°) E(C90) E(C0)	54.6° 54.4°	2213 216 218
1.0	2.81 2.79	E(0°) E(C90) E(C0)	54.6° 54.4°	553 54 55
1.5	4.22 4.19	E(0°) E(C90) E(C0)	54.6° 54.4°	246 24 24
2.0	5.63 5.59	E(0°) E(C90) E(C0)	54.6° 54.4°	138 13 14
2.5	7.04 6.98	E(0°) E(C90) E(C0)	54.6° 54.4°	89 9 9
3.0	8.44 8.38	E(0°) E(C90) E(C0)	54.6° 54.4°	61 6 6

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

—— C0/C180 (Half beam angle [°]: 108.8°)
—— C90/C270 (Half beam angle [°]: 109.2°)

LDC typ cone

cd/klm   = 100%

—— C0/C180
—— C90/C270

LDC typ polar

EQUIPMENT / ACCESSORIES

–   Surface mounting frames available as accessories

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075079373	Folding carton box 1	45 mm x 250 mm x 230 mm	610.00 g	2.59 dm³
4058075079380	Shipping carton box 6	290 mm x 270 mm x 250 mm	3991.00 g	19.58 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.

REFERENCES / LINKS

For Guarantee see
▶   www.ledvance.com/guarantee

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