



product_datasheet_title

DL SLIM DN 155 12 W 6500 K WT

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



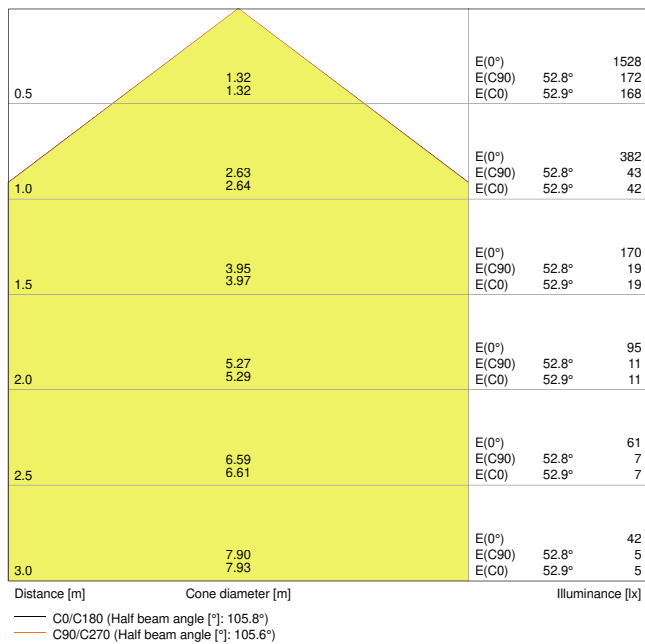
technical_data

ELECTRICAL DATA

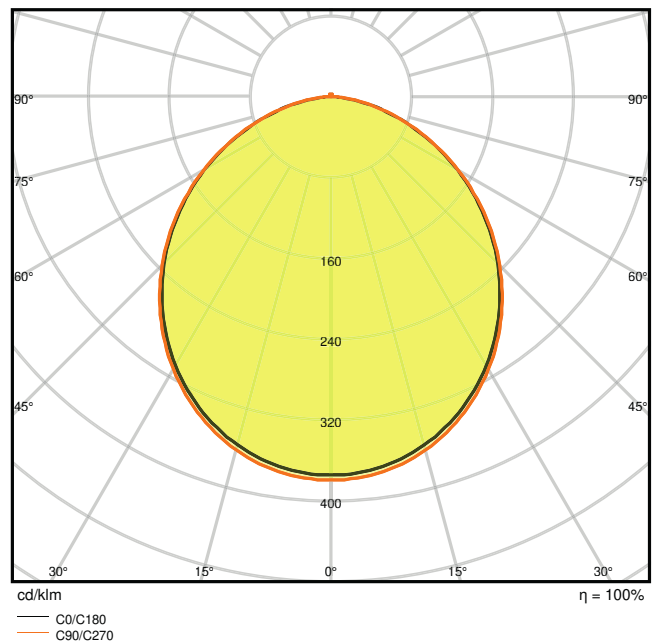
Nominal wattage	12.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	71 mA
Inrush current	15,6 A
Inrush current time T_{h50}	50 μ s
Max. number of luminaires per miniature circuit breaker B16	48
Max. number of luminaires per miniature circuit breaker C10	38
Max. number of luminaires per miniature circuit breaker C16	61
Power factor λ	0.50
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

PHOTOMETRICAL DATA

Luminous flux	1020 lm
Luminous efficacy	85 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc _m
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 °



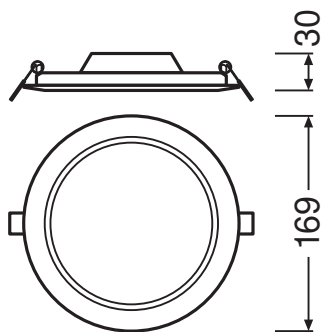
4058075052321 DL SLIM DN155 12W 6500K WT IP20



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DIMENSIONS & WEIGHT

Diameter	169.00 mm
Height	30.00 mm
Product weight	272.00 g



DL Slim DN155 12W

MATERIALS & COLORS

Product color	White
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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
Application environment	Indoor
Mounting diameter	155,0 mm
Mounting depth	50,0 mm
LED module replaceable	Not replaceable
With light source	Yes

LIFESPAN

Lifespan L70/B50 at 25 °C	30000 h ¹⁾
Lifespan L80/B10 at 25 °C	20000 h ¹⁾
Lifespan L90/B10 at 25 °C	12000 h
Number of switching cycles	50000

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	180 mA
ECG - Output ripple current	< 6.5 %

CERTIFICATES & STANDARDS


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

Ball shot safe	No
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ADDITIONAL PRODUCT DATA

Number of illuminants	Not relevant
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Accessories Optional

product_image	product_name	product_ean
	DL SLIM FRAME DN 155 WT	4058075079175

download_data

Documents and certificates		document_name
	Addon Technical Information	LSI DL SLIM
	Installation guide	User Instruction Downlight LED Slim
	On-Pack-Info	Legal Insert Downlight Slim
	Declarations Of Conformity CE	CE Certificate downlight Slim
	Declarations Of Conformity UKCA	DL SLIM WT IP20
Photometric and lighting design files		document_name
	IES file (IES)	DL SLIM DN155 12W 6500K WT IP20
	LDT file (Eulumdat)	DL SLIM DN155 12W 6500K WT IP20
	ULD file (DIALux)	DOWNLIGHTSLIMROUND15512W6500KWT
	ROLF file (RELUX)	DL SLIM DN155 12W-6500K
	UGR file (UGR table)	4058075052321 DL SLIM DN155 12W 6500K WT IP20
	LDC typ cone	4058075052321 DL SLIM DN155 12W 6500K WT IP20

