PHILIPS

Lighting



External Slim Downlight DL252

DL252 G2 SF RD LED 900 30K 12W 6" WV

External Slim Downlight DL252, 12 W, 900 lm, 3000 K, Wide beam, White

A complete family delivering superior light with great uniformity and safety. Choose the best fit for every projects, from multiple lumen packs/wattages, and enjoy great reliable performance free of maintenance.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Nominal lifetime	25,000 hour(s)
Switching Cycle	12,500
Lighting Technology	LED
Value ladder	Value
Warranty period	1 years

Light Technical	
Luminous Flux	900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	75.00 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	110°

Operating and Electrical	
Input Voltage	110 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Inrush current	25 A
Inrush time	0.25 ms
Power Consumption	12 W
Power Factor (Fraction)	0.5
Connection	Connection unit 2-pole
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B	65
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming	
Dimmable	No

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Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Metal
Reflector material	-
Optic material	Polystyrene
Optical cover material	Polypropylene
Fixation material	Steel
Housing Color	White
Optical cover finish	Matte
Overall length	161 mm
Overall width	161 mm
Overall height	28 mm
Overall diameter	161 mm
Dimensions (Height x Width x Depth)	28 x 161 x 161 mm
Net weight	0.28 kg
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK01 [0.15 J]
Net Weight (Piece)	0.280 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
EU RoHS compliant	Yes

Warranty	2 year(s)
EyeComfort	Yes
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+10%/-15%
Initial chromaticity	(0.440, 0.403) <6
Power consumption tolerance	+10%/-20%

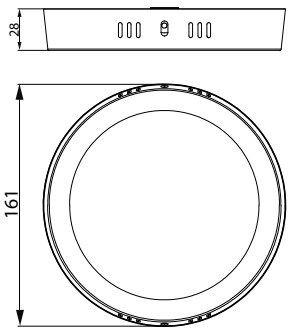
Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.05 %
Median useful life L70B50	25,000 hour(s)

Product Data

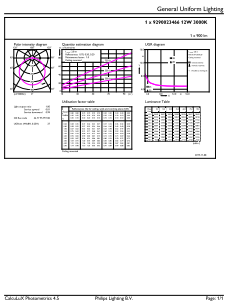
Order product name	DL252 G2 SF RD LED 900 30K 12W 6" WV
Full product name	DL252 G2 SF RD LED 900 30K 12W 6" WV
Full product code	871869974887600
Order code	929002634901
Material Nr. (12NC)	929002634901
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699748876
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699748883

Dimensional drawing

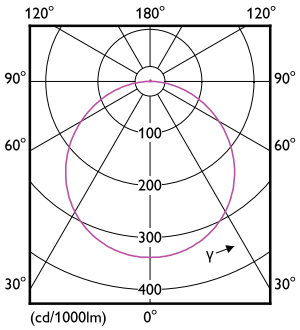


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Photometric data

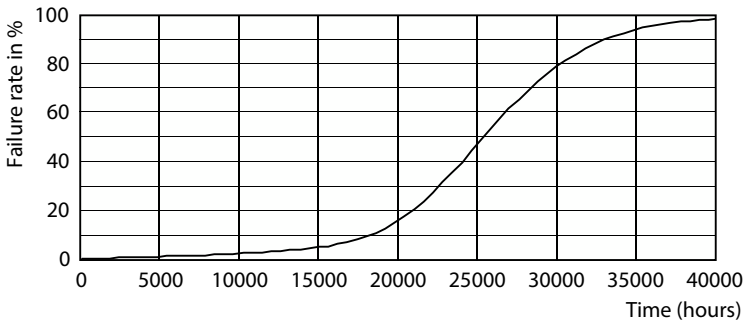


General uniform lighting - DL252 G2 SF RD LED 900 30K 12W 6" WV



Light Distribution Diagram - DL252 G2 SF RD LED 900 30K 12W 6" WV

Lifetime



L70B-50 25K-LED

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