PHILIPS

DN065B G4 LED12/840
12W 220-240V L150 SQ

929003251232



Ledinaire SlimDownlight, 12 W, 150x150 mm, 1200 lm, 4000 K, Beam angle 110°, White, IP20/40

150x150 mm, Metal–Plastic, White, Power supply unit (On/Off), 1200 lm, 12 W, 100 lm/W, 4000 K, (0.38, 0.38) SDCM≤5, Beam angle 110°, IP20/40 | Finger-protected;Wire-protected, IK03 | 0.3 J, Safety class II, Screw connection block 2-pole

General Information

Light source replaceable	No
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
Mounting	Recessed
Value ladder	Value
Warranty period	3 years

Light Technical

Luminous Flux	1,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80
Light source color	840 neutral white
Optic type	Beam angle 110°
Luminaire light beam spread	110°
Unified glare rating CEN	28
Photobiological safety according to EN 62471	RG0

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz

Input Frequency	50 or 60 Hz
Inrush current	3.85 A
Power Consumption	12 W
Power Factor (Fraction)	0.9
Connection	Screw connection block 2-pole
Number of products on MCB of 16 A type B	74
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	30 %

Controls and Dimming

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

Mechanical and Housing

Housing Material	Metal–Plastic
Reflector material	-
Housing Color	White
Overall length	175 mm
Overall width	175 mm
Overall height	45 mm
Overall diameter	175 mm
Dimensions (Height x Width x Depth)	45 x 175 x 175 mm
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Mounting	Recessed
Net Weight (Piece)	0.210 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.7
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM≤5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L65

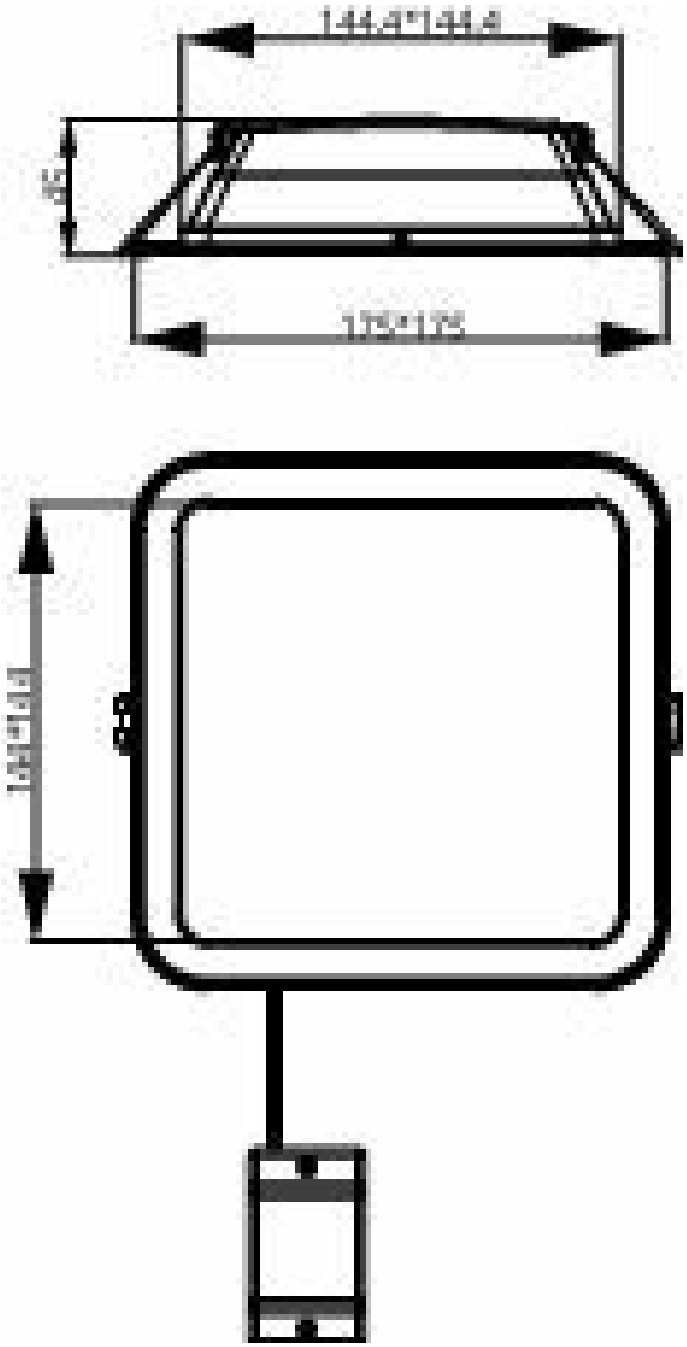
Sustainability Data

Repair class	Repair Class D, this product is not designed to be repaired.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

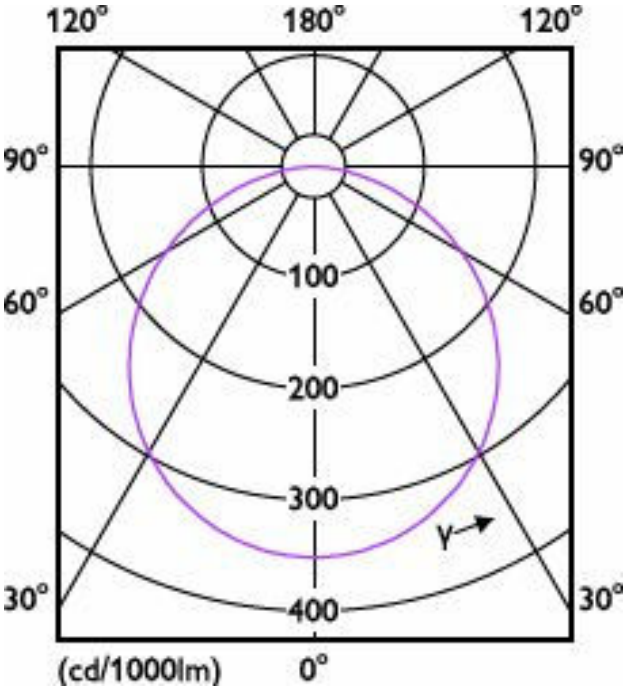
Product Data

Order product name	DN065B G4 LED12/840 12W 220-240V L150 SQ
Full product name	DN065B G4 LED12/840 12W 220-240V L150 SQ
Full product code	871951446441400
Order code	929003251232
Material Nr. (12NC)	929003251232
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514464414
Numerator - Packs per outer box	12
EAN/UPC - Case	8719514464421

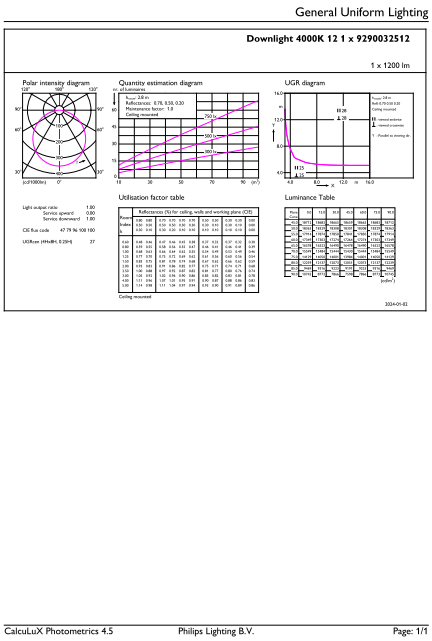
Dimensional drawing



Photometric data



Light Distribution Diagram - DN065B G4 LED12/840 12W 220-240V L150 SQ



General uniform lighting - DN065B G4 LED12/840 12W 220-240V L150 SQ

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Downlight_DN065B_G4_324165985691_V2_Online-INI.pdf	Download
Environmental Product Declaration	EPD-Philips-DN065B-G4-LED12-840-12W-220-240V-L150-SQ-929003251232-20240730.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	DN065B-G4-LED12-840-12W-L150-SQ-IES.ies	Download

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