LuxSpace G4

DN590B LED15/830 POE C D150 WH WB GM

LuxSpace G4, 13.5 W, 1480 lm, 3000 K, Power over Ethernet, Facetted reflector with beam angle 60°, Textured, Finger-protected

LuxSpace Gen4 is the a new LED downlight range combining light comfort and leading performance with luxury looking

Product data

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	1,480 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	103 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white
Optic type	Facetted reflector with beam angle 60°

Optical cover type	Reflector

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	13.5 W
Power Factor (Fraction)	0.9
Connection	RJ45 connector
Number of products on MCB of 16 A type B	–

Temperature

Ambient temperature range	–20 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	Power over Ethernet
Constant light output	No

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Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White and black
Optical cover finish	Textured
Overall length	0 mm
Overall width	0 mm
Overall height	100 mm
Overall diameter	162 mm
Dimensions (Height x Width x Depth)	100 x 0 x 0 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class III

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	50,000 hour(s)
Median useful life L90B50	21,000 hour(s)

Application Conditions

Maximum dim level	30%

Product Data

Order product name	DN590B LED15/830 POE C D150 WH WB GM
Full product name	DN590B LED15/830 POE C D150 WH WB GM
Full product code	911401554141
Order code	911401554141
Material Nr. (12NC)	911401554141
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1

Dimensional drawing

www.lighting.philips.com

2023, December 1 – data subject to change