LuxSpace G4

DN591B LED20/TWH PSD C D150 WH WB GM

LuxSpace G4, 25 W, 2200 lm, 2700 K, DALI, 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
ENEC mark	–
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	2,200 lm
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	88 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	62 degree(s)
Light source color	Tunable 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
Initial CLO power consumption	– W
Average CLO power consumption	– W
Inrush current	18 A
Inrush time	0.014 ms
Power Consumption	25 W
Power Factor (Fraction)	0.9
Connection	Linect connector with 4 poles
Cable	–
Number of products on MCB of 16 A type B	80

Temperature

Ambient temperature range	–20 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit external (On/Off)

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Control interface	DALI
Constant light output	No

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	105 mm
Overall diameter	162 mm
Dimensions (Height x Width x Depth)	105 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 II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-15%
Initial chromaticity	–

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	1%

Product Data

Order product name	DN591B LED20/TWH PSD C D150 WH WB GM
Full product name	DN591B LED20/TWH PSD C D150 WH WB GM
Full product code	872016952109400
Order code	911401542551
Material Nr. (12NC)	911401542551
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169521094
Numerator – Packs per outer box	1
EAN/UPC – Case	8720169521094

Dimensional drawing

www.lighting.philips.com

2023, October 10 – data subject to change