PHILIPS

Lighting

LuxSpace G4

DN590B LED15/940 PSD C D125 WH MB GC

LuxSpace G4, 13.5 W, 1270 lm, 4000 K, DALI, Facetted reflector with beam angle 30°, 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
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
Warranty period	3 years
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	1,270 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	94 lm/W
Color rendering index (CRI)	>90
Light source color	940 neutral white
Optic type	Facetted reflector with beam angle 30°
Optical cover type	Reflector

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	13.5 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels compatible and 2x 2-pole control signal for light regulation
Number of products on MCB of 16 A type B	24

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	DALI
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	90 mm
Overall diameter	137 mm
Dimensions (Height x Width x Depth)	90 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 I

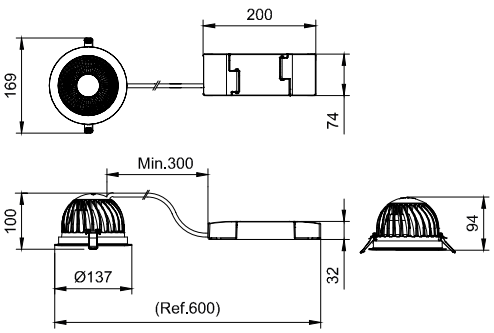
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

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	1%

Product Data	
Order product name	DN590B LED15/940 PSD C D125 WH MB GC
Full product name	DN590B LED15/940 PSD C D125 WH MB GC
Full product code	911401540541
Order code	911401540541
Material Nr. (12NC)	911401540541
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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