LuxSpace Pro

DN590B LED16/940 P14PSD D100 WB G2

LuxSpace Pro, 14 W, 1570 lm, 4000 K, DALI

Philips LuxSpace Pro builds on the LuxSpace family's reputation for superb performance, extremely low energy use, high visual comfort and appearance design. This next generation of reliable LED downlights comes in an elegant design with a deep, recessed architecture and increased reflector depth to highlight the smallest of details. LuxSpace Pro is also a shining example of versatility. This energy-saving LED downlight is available in a comprehensive range of configurations from 450 to 8,000 lumen, 3inch to 8inch, with the option to choose fixed, dimmable, or Interact Ready variants. This makes LuxSpace Pro the perfect 'mix and match' solution for potentially broad and extended applications that require different lighting ambiances, with one cohesive luminaire look and feel.

Product data

General Information	
Light source engine type	LED
Service tag	Yes
Value ladder	Specification

Light Technical	
Luminous Flux	1,570 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	112 lm/W
Color rendering index (CRI)	90
Light source color	940 neutral white
Optic type	High-reflective metal reflector Wide beam 40 to 80 degrees
Unified glare rating CEN	20

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	16.5 A
Inrush time	177 ms
Power Consumption	14 W
Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type B	36
Protection class IEC	Safety class II

Controls and Dimming	
Dimmable	Yes
Control interface	DALI
Maximum dim level	1%

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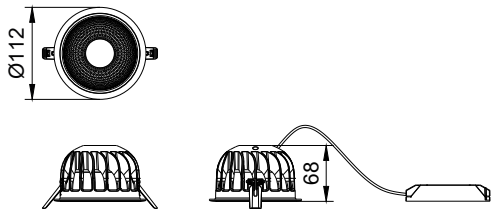
Mechanical and Housing	
Housing Material	Aluminum Alloy
Optical cover material	Polycarbonate
Housing Color	White
Optical cover finish	Frosted
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate Diffuser
Net Weight (Piece)	0.340 kg

Approval and Application	
CE mark	Yes
Ambient temperature range	-20 °C to 40 °C

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

Product Data	
Order product name	DN590B LED16/940 P14PSD D100 WB G2
Full product name	DN590B LED16/940 P14PSD D100 WB G2
Order code	911401592143
Material Nr. (12NC)	911401592143
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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