



LuxSpace Pro

DN590B LED16/940 P13PSU D100 WB G2

LuxSpace Pro, 13.5 W, 1570 lm, 4000 K, Fixed Output

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		Operating and Electrical	
Light source engine type	LED	Input Voltage	220-240 V
Service tag	Yes	Line Frequency	50 or 60 Hz
Value ladder	Specification	Inrush current	20 A
Light Technical		Inrush time	50 ms
Luminous Flux	1,570 lm	Power Consumption	13.5 W
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.95
Luminous Efficacy (rated) (Nom)	116 lm/W	Number of products on MCB of 16 A type B	120
Color rendering index (CRI)	90	Protection class IEC	Safety class II
Light source color	940 neutral white	Controls and Dimming	
Optic type	High-reflective metal reflector Wide beam 40 to 80 degrees	Dimmable	No
Unified glare rating CEN	20	Control interface	Fixed Output

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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)	0.290 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 P13PSU D100 WB G2
Full product name	DN590B LED16/940 P13PSU D100 WB G2
Order code	911401591743
Material Nr. (12NC)	911401591743
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

