



# 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		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	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
Light Technical		Controls and Dimming	
Luminous Flux	1,570 lm	Dimmable	Yes
Correlated Color Temperature (Nom)	4000 K	Control interface	DALI
Luminous Efficacy (rated) (Nom)	112 lm/W	Maximum dim level	1%
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		

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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

