# **PHILIPS** Lighting



# LuxSpace, recessed

# DN571B LED12S/840 PSD-VLC-E C WH

LUXSPACE 2 COMPACT DEEP, LED module, system flux 1200 lm, 840 neutral white, Power supply unit with DALI interface, DC-compatible, external, High-gloss mirror, White RAL 9003

Customers are looking to optimise all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (colour rendering and colour uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

#### **Product data**

General Information	
Lamp family code	LED12S [LED module, system flux 1200 lm]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median

	useful life (B50) value also represents the B10
	value.
Product family code	DN571B [LUXSPACE 2 COMPACT DEEP]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	No

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Light Technical	
Luminous Flux	1,300 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	118 lm/W
Colour rendering index (CRI)	>80
Light source colour	840 neutral white
Optic type	High-gloss mirror
Optical cover type	-
Luminaire light beam spread	70°
Unified Glare Rating (CEN)	19

Operating and Electrical
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Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	11 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24

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Temperature	
Ambient temperature range	+10 to +25 °C

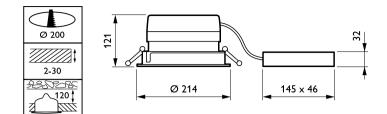
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-
	compatible, external
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium die cast

Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White RAL 9003

Optical cover/lens finish	Frosted
Overall height	119 mm
Overall diameter	214 mm
Annual and Annitastica	
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant	)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median usefu	l 5%
life 50,000 h	
Lumen maintenance at median useful	L90
life* 50,000 h	
Lumen maintenance at median useful	L80
life* 100,000 h	
Application Conditions	
Application Conditions Performance ambient temperature Tq	25 ℃
	25 °C 1%
Performance ambient temperature Tq	
Performance ambient temperature Tq Maximum dim level	1%
Performance ambient temperature Tq Maximum dim level	1%
Performance ambient temperature Tq Maximum dim level Suitable for random switching	1%
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	1% Yes DN571B LED12S/840 PSD-VLC-E C WH
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	1% Yes DN571B LED12S/840 PSD-VLC-E C WH
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Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC	1% Yes DN571B LED125/840 PSD-VLC-E C WH DN571B LED125/840 PSD-VLC-E C WH 871829193108900
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code	1% Yes DN571B LED12S/840 PSD-VLC-E C WH DN571B LED12S/840 PSD-VLC-E C WH 871829193108900 93108900
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	1% Yes DN571B LED12S/840 PSD-VLC-E C WH DN571B LED12S/840 PSD-VLC-E C WH 871829193108900 93108900 910503593215
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	1% Yes DN571B LED12S/840 PSD-VLC-E C WH DN571B LED12S/840 PSD-VLC-E C WH 871829193108900 93108900 910503593215 1

### LuxSpace, recessed

#### Dimensional drawing





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