# **PHILIPS** Lighting



# LuxSpace square, recessed

# DN572B LED12S/840 PSE-E F WH

LuxSpace2 Square, LED module, system flux 1200 lm, 840 neutral white, Power supply unit DC compatible, external, Facetted reflector, White RAL 9003

Customers are looking to optimize 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 (color rendering and color 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	1 unit
Gear	-
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example

	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Product family code	DN572B [LuxSpace2 Square]
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

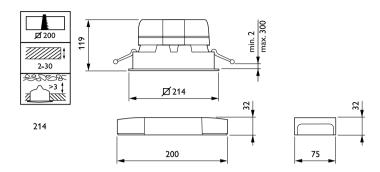
## LuxSpace square, recessed

EU RoHS compliant	No
Light Technical	
Luminous Flux	1,250 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	118 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	840 neutral white
Optic type	Facetted reflector
Optical cover type	-
Luminaire light beam spread	80°
Unified glare rating CEN	19
Operating and Electrical	
	220 to 240 V
Input Voltage	50 to 60 Hz
Line Frequency	
Inrush current	18 A
Inrush time	0.24 ms
Power Consumption	10.6 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	32
В	
Temperature	
Ambient temperature range	+10 to +25 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit DC compatible, externa
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Steel
i Auton material	Sieci

Housing Color	White RAL 9003
Optical cover finish	Frosted
Overall length	214 mm
Overall width	214 mm
Overall height	119 mm
Dimensions (Height x Width x Depth)	119 x 214 x 214 mm
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%
life 50000 h Lumen maintenance at median useful	L90
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	
	25 ℃
Suitable for random switching	25 ℃ Yes
Suitable for random switching Product Data	
Product Data	
Product Data Order product name	Yes
	Yes DN572B LED12S/840 PSE-E F WH
Product Data Order product name Full product name	Yes DN572B LED12S/840 PSE-E F WH DN572B LED12S/840 PSE-E F WH
Product Data Order product name Full product name Full product code	Yes DN572B LED12S/840 PSE-E F WH DN572B LED12S/840 PSE-E F WH 871829194022700
Product Data Order product name Full product name Full product code Order code	Yes DN572B LED12S/840 PSE-E F WH DN572B LED12S/840 PSE-E F WH 871829194022700 910503706586
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	Yes DN572B LED12S/840 PSE-E F WH DN572B LED12S/840 PSE-E F WH 871829194022700 910503706586 910503706586
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	Yes DN572B LED12S/840 PSE-E F WH DN572B LED12S/840 PSE-E F WH 871829194022700 910503706586 910503706586 1
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	Yes DN572B LED12S/840 PSE-E F WH DN572B LED12S/840 PSE-E F WH 871829194022700 910503706586 910503706586 1 8718291940227

### LuxSpace square, recessed

#### Dimensional drawing





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