# **PHILIPS** Lighting



# LuxSpace square, recessed

# DN572B LED24S/840 PSED-VLC-E C WH

LuxSpace2 Square, LED module, system flux 2400 lm, 840 neutral white, Power supply unit with DALI interface, DC compatible, external, High-gloss mirror, 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	LED24S [LED module, system flux 2400 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
EU RoHS compliant	No

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Light Technical	
Luminous Flux	2,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	119 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	840 neutral white
Optic type	High-gloss mirror
Optical cover type	-
Luminaire light beam spread	80°
Unified glare rating CEN	19

#### **Operating and Electrical**

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	21 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

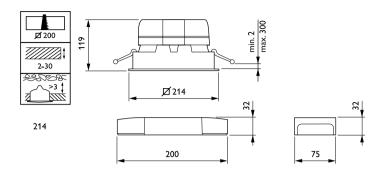
#### Controls and Dimming

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	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Steel

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	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp Control gear failure rate at median usefu	
life 50000 h	
Lumen maintenance at median useful	L90
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	
Product Data	Yes
Product Data	Yes
Order product name	Yes DN572B LED24S/840 PSED-VLC-E C WH
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Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	DN572B LED24S/840 PSED-VLC-E C WH DN572B LED24S/840 PSED-VLC-E C WH 871829194056200 910503706621 910503706621 1 8718291940562

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#### Dimensional drawing





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