PHILIPS Lighting



LuxSpace, recessed

DN570B LED12S/830 PSD-VLC-E F WH

LUXSPACE 2 COMPACT LOW HEIGHT, LED module, system flux 1200 lm, 830 warm white, Power supply unit with DALI interface, 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 user costs where they see much bigger impact on return. Therefore, LuxSpace is designed to provide the perfect combination of efficiency, visual comfort and design, without compromising on lighting performance (color rendering and light distribution). It offers a wide choice of options for creating the desired ambience to support user comfort, no matter the application is. For office applications LuxSpace supports health and wellbeing having dedicated Tunable White products and lighting controls.

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	DN570B [LUXSPACE 2 COMPACT LOW	
	HEIGHT]	
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	
	110	
Light Technical		
	1,350 lm	

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Operating and Electrical

Input Voltage

Line Frequency

Inrush current

Power Consumption

Power Factor (Fraction)

Inrush time

Connection

Cable

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	Facetted reflector
Optical cover type	_
Luminaire light beam spread	80°
Unified glare rating CEN	22

220 to 240 V

50 to 60 Hz

20.4 A

11 W

0.9

_

0.195 ms

Push-in connector and pull relief

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	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median usefu	ıl 5%
life 50000 h	
Lumen maintenance at median useful	L90
life* 50000 h	
Lumen maintenance at median useful	L80
life* 100000 h	

Frosted

96.5 mm

214 mm

Optical cover finish

Overall height

Overall diameter

Performance ambient temperature Tq

Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	+10 to +25 °C
Controls and Dimming	
Dimmable	Yes

Dimmable	Yes	-
Driver/power unit/transformer	Power supply unit with DALI interface, DC	Product Data
	compatible, external	Order product name
Control interface	DALI	Full product name
Constant light output	No	Full product code
		Order code
Mechanical and Housing		Material Nr. (12NC)
Housing Material	Aluminum die cast	Numerator - Quantity Per Pack
Reflector material	Polycarbonate aluminum coated	EAN/UPC - Product/Case
Optic material	Polycarbonate	Numerator - Packs per outer box
Optical cover material	Polycarbonate	EAN/UPC - Case
Fixation material	Steel	
Housing Color	White RAL 9003	-

Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	DN570B LED12S/830 PSD-VLC-E F WH
Full product name	DN570B LED12S/830 PSD-VLC-E F WH
Full product code	871829193046400
Order code	910503587015
Material Nr. (12NC)	910503587015
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291930464

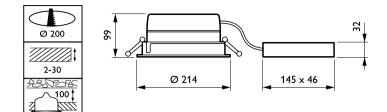
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25 °C

LuxSpace, recessed

Dimensional drawing





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