



# LuxSpace, recessed

### DN570B LED12S/840 PSD-VLC-E F WH

LUXSPACE 2 COMPACT LOW HEIGHT, LED module, system flux 1200 lm, 840 neutral 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

Datasheet, 2023, December 5 data subject to change

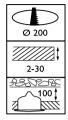
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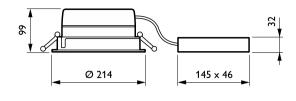
EU RoHS compliant	No
Light Tochnical	
Light Technical	1350 les
Luminous Flux	1,350 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	840 neutral white
Optic type	Facetted reflector
Optical cover type	-
Luminaire light beam spread	80°
Unified glare rating CEN	22
Operating and Electrical	
	220 to 240 V
Input Voltage	220 to 240 V 50 to 60 Hz
Line Frequency	
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 B	24
Tompovature	
Temperature	110 to 125 °C
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

	Polycarbonate
Optical cover material	Fotycarbonate
Fixation material	Steel
Housing Color	White RAL 9003
Optical cover finish	Frosted
Overall height	96.5 mm
Overall diameter	214 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IKO2 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant	<u>.</u>
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	
Control gear failure rate at median usefu life 50000 h Lumen maintenance at median useful	
Control gear failure rate at median usefu	ıl 5%
Control gear failure rate at median usefu life 50000 h Lumen maintenance at median useful	ıl 5%
Control gear failure rate at median usefu life 50000 h Lumen maintenance at median useful life* 50000 h	ıl 5%
Control gear failure rate at median usefulife 50000 h Lumen maintenance at median usefullife* 50000 h  Application Conditions	L90
Control gear failure rate at median usefulife 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq	11 5 % L90 25 ℃
Control gear failure rate at median usefulife 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level	L90 25 °C 1%
Control gear failure rate at median usefulife 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching	L90 25 °C 1%
Control gear failure rate at median usefulife 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching	L90  25 °C  1%  Yes
Control gear failure rate at median usefulife 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name	L90  25 °C  1%  Yes  DN570B LED12S/840 PSD-VLC-E F WH
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Control gear failure rate at median usefulife 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name  Full product code  Order code	25 °C 1% Yes  DN570B LED12S/840 PSD-VLC-E F WH DN570B LED12S/840 PSD-VLC-E F WH 871829193047100 910503587115
Control gear failure rate at median usefulife 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name  Full product name  Full product code  Order code  Material Nr. (12NC)	L90  25 °C  1%  Yes  DN570B LED12S/840 PSD-VLC-E F WH DN570B LED12S/840 PSD-VLC-E F WH 871829193047100 910503587115 910503587115
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#### Dimensional drawing







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