# **PHILIPS** Lighting



# LuxSpace, recessed

# DN571B LED12S/830 PSED-E M WH

LUXSPACE 2 COMPACT DEEP, LED module, system flux 1200 lm, 830 warm white, Power supply unit with DALI interface, DC compatible, external, Matt 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	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	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
Light Technical	
Luminous Flux	1,000 lm
Correlated Color Temperature (Nom)	3000 K

### LuxSpace, recessed

Controls and Dimming

Driver/power unit/transformer

Mechanical and Housing

Dimmable

Control interface

Housing Material

**Reflector material** 

Fixation material

Housing Color Optical cover finish

Optical cover material

Optic material

Constant light output

Luminous Efficacy (rated) (Nom)	91 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	Matt mirror
Optical cover type	-
Luminaire light beam spread	70°
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	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
В	
Temperature	
Ambient temperature range	+10 to +25 °C

Yes

DALI

No

compatible, external

Aluminum die cast

Polycarbonate Polycarbonate

White RAL 9003

Steel

Frosted

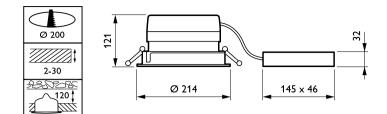
Polycarbonate aluminum coated

Power supply unit with DALI interface, DC

Overall height	119 mm
Overall diameter	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	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
	25 °C
Application Conditions Performance ambient temperature Tq Maximum dim level	1%
Application Conditions Performance ambient temperature Tq	
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	1%
Application Conditions Performance ambient temperature Tq Maximum dim level	1% Yes
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Application Conditions         Performance ambient temperature Tq         Maximum dim level         Suitable for random switching         Product Data         Order product name	1% Yes DN571B LED12S/830 PSED-E M WH
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Application Conditions         Performance ambient temperature Tq         Maximum dim level         Suitable for random switching         Product Data         Order product name         Full product code	1% Yes DN571B LED12S/830 PSED-E M WH DN571B LED12S/830 PSED-E M WH 871829193114000
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)         Numerator - Quantity Per Pack	1% Yes DN571B LED12S/830 PSED-E M WH DN571B LED12S/830 PSED-E M WH 871829193114000 93114000
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)	1% Yes DN571B LED125/830 PSED-E M WH DN571B LED125/830 PSED-E M WH 871829193114000 93114000 910503593815
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)         Numerator - Quantity Per Pack	1% Yes DN571B LED12S/830 PSED-E M WH DN571B LED12S/830 PSED-E M WH 871829193114000 93114000 910503593815 1

## LuxSpace, recessed

#### Dimensional drawing





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