## **PHILIPS** Lighting



### LuxSpace, recessed

#### DN571B LED20S/830 PSD-VLC-E C PG WH

LUXSPACE 2 COMPACT DEEP, LED Module, system flux 2000 lm, 830 warm white, Power supply unit with DALI interface, DC compatible, external, High-gloss mirror, Protection glass, 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	LED20S [LED Module, system flux 2000 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

#### LuxSpace, recessed

Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	105 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	High-gloss mirror
Optical cover type	Protection glass
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	19 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief

Optical cover finish	Frosted
Overall height	119 mm
Overall diameter	214 mm
Approval and Application	
Ingress protection code	IP20/54 [Finger-protected; dust
	accumulation-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	1
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L90
life* 50000 h	
Lumen maintenance at median useful	L80
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	DN571B LED20S/830 PSD-VLC-E C PG WH
Full product name	DN571B LED20S/830 PSD-VLC-E C PG WH
Full product code	871829193142300
Order code	010503500015
	910503596615
Material Nr. (12NC)	910503596615
Material Nr. (12NC) Numerator - Quantity Per Pack	
	910503596615
Numerator - Quantity Per Pack	910503596615 1

Cable

Temperature

Ambient temperature range

Number of products on MCB of 16 A type 24

#### 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	

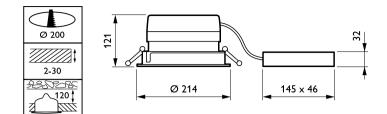
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+10 to +25 °C

# Housing MaterialAluminum die castReflector materialPolycarbonate aluminum coatedOptic materialPolycarbonateOptical cover materialPolycarbonateFixation materialSteelHousing ColorWhite RAL 9003

#### LuxSpace, recessed

#### Dimensional drawing





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