# **PHILIPS** Lighting



# LuxSpace, recessed

# DN570B LED20S/830 PSU-E F PG WH

LUXSPACE 2 COMPACT LOW HEIGHT, LED Module, system flux 2000 lm, 830 warm white, Power supply unit DC-compatible, external, Faceted reflector, Protection glass, White RAL 9003

Customers are looking to optimise 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 (colour rendering and colour uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

### Product data

General Information	
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the 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

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Light Technical		
Luminous Flux	2,100 lm	
Correlated Colour Temperature	3000 K	
Luminous efficacy (rated) (nom.)	111 lm/W	
Colour rendering index (CRI)	>80	
Light source colour	830 warm white	
Optic type	Faceted reflector	
Optical cover type	Protection glass	
Luminaire light beam spread	80°	
Unified Glare Rating (CEN)	22	

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 Compl	iant)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM≤2

+/-10%

L90

L80

96.5 mm

214 mm

Overall height

Overall diameter

Power consumption tolerance

life 50,000 h

life\* 50,000 h

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful 5%

Lumen maintenance at median useful

Lumen maintenance at median useful

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.24 ms
Power Consumption	19 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-

Number of products on MCB of 16 A type 32

в

#### Temperature

Ambient temperature range	+10 to +25 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit DC-compatible, external
Constant light output	No

#### Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White RAL 9003
Optical cover/lens finish	Frosted

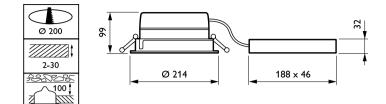
life* 100,000 h		
Application Conditions		
Borformanco ambient temperaturo To	25 °C	

Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes

Product Data	
Order product name	DN570B LED20S/830 PSU-E F PG WH
Full product name	DN570B LED20S/830 PSU-E F PG WH
Full EOC	871829193078500
Order code	93078500
Material no. (12 NC)	910503590215
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291930785
Numerator – packs per outer box	1
EAN/UPC - Case	8718291930785

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#### Dimensional drawing





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