# **PHILIPS** Lighting



# LuxSpace, recessed

## DN570B LED20S/830 PSED-E WR WH

LUXSPACE 2 COMPACT LOW HEIGHT, LED Module, system flux 2000 lm, Power supply unit with DALI interface, DC compatible, external, White reflector without louver

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

Concernel Information	
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	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	surfaces ENEC mark
ENEC mark Glow-wire test	
	ENEC mark
Glow-wire test	ENEC mark Temperature 850 °C, duration 5 s
Glow-wire test	ENEC mark Temperature 850 °C, duration 5 s
Glow-wire test EU RoHS compliant	ENEC mark Temperature 850 °C, duration 5 s

#### LuxSpace, recessed

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	111 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	White reflector without louver
Optical cover type	-
Luminaire light beam spread	80°
Unified glare rating CEN	25

220 to 240 V

50 to 60 Hz

20.4 A

19 W

0.9

0.195 ms

+10 to +25 °C

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 Compliant)		
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		

Frosted

96.5 mm

214 mm

Optical cover finish

Overall height

Overall diameter

#### Temperature

Number of products on MCB of 16 A type 24

**Operating and Electrical** 

Input Voltage

Line Frequency

Inrush current

Power Consumption

Power Factor (Fraction)

Inrush time

Connection

Cable

в

Ambient temperature range

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
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White RAL 9003

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	DN570B LED20S/830 PSED-E WR WH
Full product name	DN570B LED20S/830 PSED-E WR WH
Full product code	871829193063100
Order code	93063100
Material Nr. (12NC)	910503588715
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291930631

1

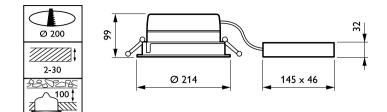
8718291930631

Numerator - Packs per outer box

EAN/UPC - Case

### LuxSpace, recessed

#### Dimensional drawing





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