# **PHILIPS** Lighting



## LuxSpace square, recessed

### DN572B LED20S/830 PSE-E F WH

LuxSpace2 Square, LED Module, system flux 2000 lm, 830 warm white, Power supply unit 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 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	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	DN572B [LuxSpace2 Square]
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

#### LuxSpace square, recessed

EU RoHS compliant	No
Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	115 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	Facetted reflector
Optical cover type	-
Luminaire light beam spread	80°
Unified glare rating CEN	19

220 to 240 V

50 to 60 Hz

+10 to +25 °C

Push-in connector and pull relief

18 A

0.9

0.24 ms 17.4 W

Housing Color	White RAL 9003
Optical cover finish	Frosted
Overall length	214 mm
Overall width	214 mm
Overall height	119 mm
Dimensions (Height x Width x Depth)	119 x 214 x 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 Complian	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp Control gear failure rate at median usefu	
life 50000 h Lumen maintenance at median useful life* 50000 h	L90
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes
Product Data	
Order product name	DN572B LED20S/830 PSE-E F WH
Full product name	DN572B LED20S/830 PSE-E F WH
Full product code	871829194029600
Order code	94029600
Material Nr. (12NC)	910503706593
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291940296
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291940296

Cable	-

Number of products on MCB of 16 A type 32 B

**Operating and Electrical** 

Input Voltage

Line Frequency

Inrush current

Power Consumption
Power Factor (Fraction)

Inrush time

Connection

Temperature

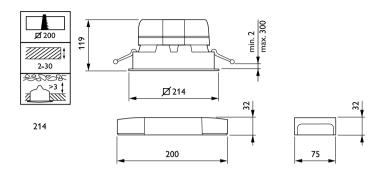
Ambient temperature range

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit DC compatible, external
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated

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Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Steel

#### LuxSpace square, recessed

#### Dimensional drawing





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