



LuxSpace, recessed

DN571B LED20S/830 PSD-VLC-E F WH

LUXSPACE 2 COMPACT DEEP, LED Module, system flux 2000 lm, 830 warm white, Power supply unit with DALI interface, 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	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	2,100 lm
Correlated Color Temperature (Nom)	3000 K

Datasheet, 2023, December 5 data subject to change

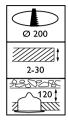
LuxSpace, recessed

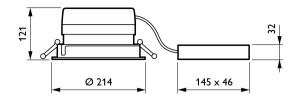
Luminous Efficacy (rated) (Nom)	111 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	Facetted reflector
Optical cover type	-
Luminaire light beam spread	70°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	19 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24
Temperature	
Ambient temperature range	+10 to +25 °C
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
Optical cover finish	Frosted
Optical Cover IIIIISII	1103180

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 Complia	ant)
Control gear failure rate at median useful	
life 50000 h	
	100
Lumen maintenance at median useful life*	L90
Lumen maintenance at median useful life* 50000 h	L90
50000 h	
50000 h Lumen maintenance at median useful life*	
50000 h Lumen maintenance at median useful life*	
50000 h Lumen maintenance at median useful life* 100000 h	
50000 h Lumen maintenance at median useful life* 100000 h Application Conditions	L80
50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	L80 25 °C
50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L80 25 ℃ 1%
50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L80 25 ℃ 1%
50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	L80 25 °C 1% Yes
50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	L80 25 °C 1% Yes
50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	L80 25 °C 1% Yes DN571B LED20S/830 PSD-VLC-E F WH
50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	L80 25 °C 1% Yes DN571B LED20S/830 PSD-VLC-E F WH DN571B LED20S/830 PSD-VLC-E F WH
50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code	L80 25 °C 1% Yes DN571B LED20S/830 PSD-VLC-E F WH DN571B LED20S/830 PSD-VLC-E F WH 871829193123200
50000 h Lumen maintenance at median useful life* 100000 h 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	L80 25 °C 1% Yes DN571B LED20S/830 PSD-VLC-E F WH DN571B LED20S/830 PSD-VLC-E F WH 871829193123200 93123200
50000 h Lumen maintenance at median useful life* 100000 h 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)	L80 25 °C 1% Yes DN571B LED20S/830 PSD-VLC-E F WH DN571B LED20S/830 PSD-VLC-E F WH 871829193123200 93123200 910503594715
Sound h Lumen maintenance at median useful life* 100000 h 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	L80 25 °C 1% Yes DN571B LED20S/830 PSD-VLC-E F WH DN571B LED20S/830 PSD-VLC-E F WH 871829193123200 93123200 910503594715 1

LuxSpace, recessed

Dimensional drawing







© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.