PHILIPS Lighting



LuxSpace, recessed

DN570B LED20S/830 PSD-VLC-E M WH

LUXSPACE 2 COMPACT LOW HEIGHT, LED Module, system flux 2000 lm, 830 warm white, Power supply unit with DALI interface, DC compatible, external, Matt mirror, 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	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

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Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	97 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	Matt mirror
Optical cover type	-
Luminaire light beam spread	80°
Unified glare rating CEN	22

overall diameter	214 11111
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 Compli	ant)
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	Ves

Frosted

96.5 mm

214 mm

Optical cover finish

Overall height

Overall diameter

Suitable for random switching	Yes
Product Data	
Order product name	DN570B LED20S/830 PSD-VLC-E M WH
Full product name	DN570B LED20S/830 PSD-VLC-E M WH
Full product code	871829193061700
Order code	910503588515
Material Nr. (12NC)	910503588515
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291930617
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291930617

Operating and Electrical	
Input Voltage	

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	24

+10 to +25 °C

в

Temperature Ambient temperature range

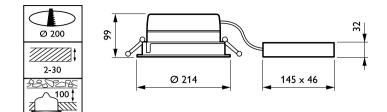
Housing Color

Controls and Dimming	
Controts and Dimining	
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

White RAL 9003

LuxSpace, recessed

Dimensional drawing





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