LuxSpace, recessed

DN571B LED20S/840 PSD-VLC-E F WH

LUXSPACE 2 COMPACT DEEP, LED Module, system flux 2000 lm, 840 neutral 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

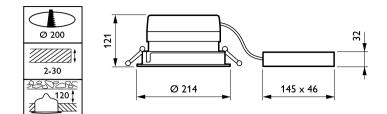|	
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Cap-Base	– [–]
Light source replaceable	No
Number of gear units	1 unit
Gear	–
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires – January 2018": statistically there is no relevant 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)	4000 K

LuxSpace, recessed

Luminous Efficacy (rated) (Nom)	121 lm/W		Overall height	119 mm
Color rendering index (CRI)	>80		Overall diameter	214 mm
Number of light sources	1			
Light source color	840 neutral white		**Approval and Application**	
Optic type	Facetted reflector		Ingress protection code	IP20 [Finger-protected]
Optical cover type	–		Mech. impact protection code	IK02 [0.2 J standard]
Luminaire light beam spread	70°		Protection class IEC	Safety class II
Unified glare rating CEN	19			

Operating and Electrical

Initial Performance (IEC Compliant)

Input Voltage	220 to 240 V		Luminous flux tolerance	+/-10%
Line Frequency	50 to 60 Hz		Initial chromaticity	(0.38, 0.37) SDCM <3
Inrush current	20.4 A		Power consumption tolerance	+/-10%
Inrush time	0.195 ms			
Power Consumption	17.4 W		**Over Time Performance (IEC Compliant)**	
Power Factor (Fraction)	0.9		Control gear failure rate at median useful life 50000 h	5 %
Connection	Push-in connector and pull relief		Lumen maintenance at median useful life* 50000 h	L90
Cable	–			
Number of products on MCB of 16 A type B	24		Lumen maintenance at median useful life* 100000 h	L80

Temperature

Application Conditions

Ambient temperature range	+10 to +25 °C		Performance ambient temperature Tq	25 °C
			Maximum dim level	1%
Controls and Dimming			Suitable for random switching	Yes
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DALI interface, DC compatible, external		**Product Data**	
			Order product name	DN571B LED20S/840 PSD-VLC-E F WH
Control interface	DALI		Full product name	DN571B LED20S/840 PSD-VLC-E F WH
Constant light output	No		Full product code	871829193124900
			Order code	93124900
Mechanical and Housing			Material Nr. (12NC)	910503594815
Housing Material	Aluminum die cast		Numerator – Quantity Per Pack	1
Reflector material	Polycarbonate aluminum coated		EAN/UPC – Product/Case	8718291931249
Optic material	Polycarbonate		Numerator – Packs per outer box	1
Optical cover material	Polycarbonate		EAN/UPC – Case	8718291931249
Fixation material	Steel			
Housing Color	White RAL 9003			
Optical cover finish	Frosted			

LuxSpace, recessed

Dimensional drawing

Ø 200

2-30

120

121

Ø 214

145 x 46

32

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2023, December 5 – data subject to change