

LuxSpace, recessed

DN571B LED20S/830 PSU-E C PG WH

LUXSPACE 2 COMPACT DEEP, LED Module, system flux 2000 lm, 830 warm white, Power supply unit DC compatible, external, High-gloss mirror, Protection glass, 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	2,000 lm
Correlated Color Temperature (Nom)	3000 K

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Luminous Efficacy (rated) (Nom)	105 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	High-gloss mirror
Optical cover type	Protection glass
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	18 A
Inrush time	0.24 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	32

Temperature

Ambient temperature range	+10 to +25 °C

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
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White RAL 9003
Optical cover finish	Frosted
Overall height	119 mm
Overall diameter	214 mm

Approval and Application

Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
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≤2
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L80

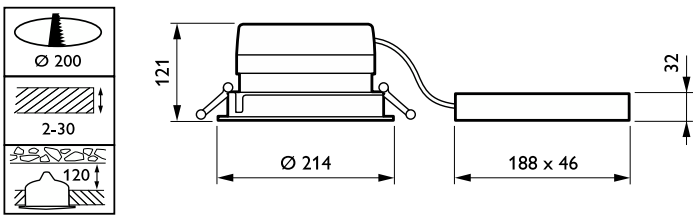
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Order product name	DN571B LED20S/830 PSU-E C PG WH
Full product name	DN571B LED20S/830 PSU-E C PG WH
Full product code	871829193141600
Order code	93141600
Material Nr. (12NC)	910503596515
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291931416
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291931416

Dimensional drawing





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