PHILIPS Lighting



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 optimise 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 (colour rendering and colour 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	Unit
Gear	-
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the 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

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.ight Technical 2,000 lm .uminous Flux 2,000 lm	
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Correlated Colour Temperature3000 K	
uminous efficacy (rated) (nom.) 105 lm/W	
Colour rendering index (CRI) >80	
ight source colour 830 warm	white
Dptic type High-gloss	mirror
Optical cover type Protection	glass
uminaire light beam spread 70°	
Jnified Glare Rating (CEN) 19	
Operating and Electrical	
nput Voltage 220 to 240	V
ine Frequency 50 to 60 H	Z
nrush current 18 A	
nrush time 0.24 ms	
Power Consumption 19 W	
Power Factor (Fraction) 0.9	
Connection Push-in co	nnector and pull relief
Cable -	
Number of products on MCB of 16 A type 32	
3	
Femperature	
Ambient temperature range +10 to +25	°C
Controls and Dimming	
Dimmable No	

No

Aluminium die cast

Polycarbonate

Polycarbonate

White RAL 9003

Steel

Frosted

Aluminium and polycarbonate

Power supply unit DC-compatible, external

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)	1
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM≤2
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful 5 %	
life 50,000 h	
Lumen maintenance at median useful	L90
life* 50,000 h	
Lumen maintenance at median useful	L80
life* 100,000 h	
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 EOC	871829193141600
Order code	93141600
Material no. (12 NC)	910503596515
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291931416
	8718291931416 1

119 mm

214 mm

Overall height

Overall diameter

Driver/power unit/transformer

Mechanical and Housing

Optical cover/lens material

Optical cover/lens finish

Constant light output

Housing material

Reflector material

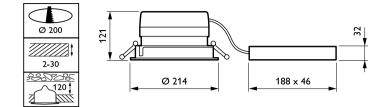
Optic material

Fixation material

Housing Colour

LuxSpace, recessed

Dimensional drawing





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