PHILIPS Lighting



LuxSpace, surface mounted

DN570C LED20S/830 PSU-E C WH

LuxSpace, surface mounted, 19 W, 2200 lm, 3000 K, Frosted

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.

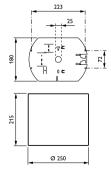
Service tag	Yes
Product family code	DN570C [LUXSPACE 2 COMPACT LOW
	HEIGHT]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Luminous Flux	2,200 lm

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Correlated Color Temperature (Nom)	3000 K	Overall height
Luminous Efficacy (rated) (Nom)	116 lm/W	Overall diameter
Color rendering index (CRI)	>80	
Light source color	830 warm white	Approval and
Optic type	High-gloss mirror	Ingress protection
Luminaire light beam spread	80°	Mech. impact pro
Unified glare rating CEN	22	Protection class
Operating and Electrical		Initial Perform
Input Voltage	220-240 V	Luminous flux to
Line Frequency	50 Hz	Initial chromatic
Inrush current	18 A	Power consumpt
Inrush time	0.24 ms	
Power Consumption	19 W	Over Time Per
Power Factor (Fraction)	0.9	Control gear fail
Connection	Push-in connector and pull relief	life 50000 h
Cable	-	Lumen maintena
Number of products on MCB of 16 A type	e 32	life* 50000 h
В		
		Application Co
Temperature		Performance am
Ambient temperature range	+10 to +25 °C	Suitable for rand
Controls and Dimming		Product Data
Dimmable	No	Order product na
Driver/power unit/transformer	Power supply unit DC compatible, external	Full product nam
Constant light output	No	Full product cod
		Order code
Mechanical and Housing		Material Nr. (12N
Housing Material	Aluminum die cast	Numerator - Qua
Reflector material	Polycarbonate aluminum coated	EAN/UPC - Prod
Optic material	Polycarbonate	Numerator - Pac
Optical cover material	Polycarbonate	EAN/UPC - Case
Fixation material	Steel	
Housing Color	White RAL 9003	
Optical cover finish	Frosted	

Overall height	217 mm	
Overall diameter	250 mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant	:)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43, 0.40) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median usefu	ıl 5%	
life 50000 h		
Lumen maintenance at median useful	L90	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Yes	
Product Data		
Order product name	DN570C LED20S/830 PSU-E C WH	
Full product name	DN570C LED20S/830 PSU-E C WH	
Full product code	871829194480500	
Order code	910503706705	
Material Nr. (12NC)	910503706705	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291944805	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291944805	

Dimensional drawing



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www.lighting.philips.com 2023, December 5 - data subject to change