PHILIPS Lighting



LuxSpace, recessed

DN571B LED20S/830 PSE-E RML F CR

LUXSPACE 2 COMPACT DEEP, LED Module, system flux 2000 lm, 830 warm white, Power supply unit DC compatible, external, Facetted reflector, Chrome

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.

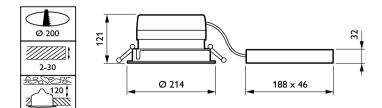
Product family code	DN571B [LUXSPACE 2 COMPACT DEEP]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Luminous Flux	2,100 lm
Correlated Color Temperature (Nom)	3000 K

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Luminous Efficacy (rated) (Nom)	111 lm/W	Overall height
Color rendering index (CRI)	>80	Overall diamete
Number of light sources	1	
Light source color	830 warm white	Approval and
Optic type	Facetted reflector	Ingress protection
Optical cover type	-	Mech. impact pr
Luminaire light beam spread	70°	Protection class
Unified glare rating CEN	19	
		Initial Perform
Operating and Electrical		Luminous flux to
Input Voltage	220 to 240 V	Initial chromatic
Line Frequency	50 to 60 Hz	Power consump
Inrush current	18 A	
Inrush time	0.24 ms	Over Time Per
Power Consumption	19 W	Control gear fail
Power Factor (Fraction)	0.9	life 50000 h
Connection	Push-in connector and pull relief	Lumen maintena
Cable	-	50000 h
Number of products on MCB of 16 A type	32	Lumen maintena
В		100000 h
Temperature		Application Co
Ambient temperature range	+10 to +25 °C	Performance am
		Suitable for rand
Controls and Dimming		
Dimmable	No	Product Data
Driver/power unit/transformer	Power supply unit DC compatible, external	Order product n
Constant light output	No	Full product nam
		Full product cod
Mechanical and Housing		Order code
Housing Material	Aluminum die cast	Material Nr. (12N
Reflector material	Polycarbonate aluminum coated	Numerator - Qu
Optic material	Polycarbonate	EAN/UPC - Proc
Optical cover material	Polycarbonate	Numerator - Pag
Fixation material	Steel	EAN/UPC - Case
Housing Color	Chrome	
Optical cover finish	Frosted	

Overall height	119 mm	
Overall diameter	214 mm	
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 Compliant)		
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful life*	L90	
50000 h		
Lumen maintenance at median useful life*	L80	
100000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Yes	
Product Data		
Order product name	DN571B LED20S/830 PSE-E RML F CR	
Full product name	DN571B LED20S/830 PSE-E RML F CR	
Full product code	871829193131700	
Order code	93131700	
Material Nr. (12NC)	910503595515	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291931317	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291931317	

Dimensional drawing



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