PHILIPS Lighting



LuxSpace square, recessed

DN572B LED20S/840 PSE-E C WH

LuxSpace2 Square, LED Module, system flux 2000 lm, 840 neutral white, Power supply unit DC compatible, external, Highgloss mirror, 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	DN572B [LuxSpace2 Square]		
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		

LuxSpace square, recessed

EU RoHS compliant	No	
Light Technical		
Luminous Flux	2,100 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	121 lm/W	
Color rendering index (CRI)	>80	
Number of light sources	1	
Light source color	840 neutral white	
Optic type	High-gloss mirror	
Optical cover type	-	
Luminaire light beam spread	80°	
Unified glare rating CEN	19	
Operating and Electrical		

220 to 240 V

50 to 60 Hz

+10 to +25 °C

Push-in connector and pull relief

18 A

0.9

0.24 ms 17.4 W

Overall length214 mmOverall width214 mmOverall height119 mmDimensions (Height x Width x Depth)119 x 214 x 214 mmApproval and ApplicationIragess protection codeIP20 [Finger-protected]Mech. impact protection codeIK02 [0.2 J standard]Protection class IECSafety class IIInitial Performance (IEC Compliant)Initial Performance (IEC Compliant)Luminous flux tolerance+/-10%Over Time Performance (IEC Compliant)Initial chromaticityControl gear failure rate at median useful5 %Iffe 50000 hIffe 50000 hLumen maintenance at median usefulL90Liffe 50000 hIffe 50000 hPerformance ambient temperature Tq25 °CSuitable for random switchingYesProduct DataDN572B LED205/840 PSE-E C WHFull product nameDN572B LED205/840 PSE-E C WHFull product name010503706590Material Nr. (12NC)910503706590Numerator - Quantity Per Pack1EAN/UPC - Product/Case8718291940265Numerator - Packs per outer box1	-		
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Overall height119 mmDimensions (Height x Width x Depth)119 x 214 x 214 mmApproval and ApplicationIP20 [Finger-protected]Ingress protection codeIR02 [0.2 J standard]Protection class IECSafety class IIInitial Performance (IEC Compliant)Initial Performance (IEC Compliant)Luminous flux tolerance+/-10%Initial chromaticity(0.38, 0.37) SDCM <3	Overall length	214 mm	
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EAN/UPC - Case 8718291940265	Numerator - Packs per outer box	1	
	EAN/UPC - Case	8718291940265	

White RAL 9003

Housing Color

в

Temperature

Input Voltage

Line Frequency

Inrush current

Power Consumption Power Factor (Fraction)

Inrush time

Connection Cable

Ambient temperature range

Optical cover material

Fixation material

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	

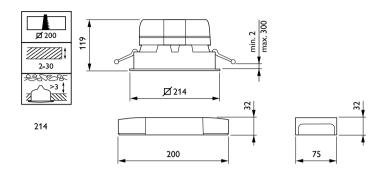
Glass

Steel

Datasheet,	2023,	October 11

LuxSpace square, recessed

Dimensional drawing





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