PHILIPS Lighting



LuxSpace square, recessed

DN572B LED24S/840 PSE-E C WH

LuxSpace2 Square, LED module, system flux 2400 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	LED24S [LED module, system flux 2400 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	2,500 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	119 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			

Housing Color	White RAL 9003			
Optical cover finish	Frosted			
Overall length	214 mm			
Overall width	214 mm			
Overall height	119 mm			
Dimensions (Height x Width x Depth)	119 x 214 x 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	(0.38, 0.37) SDCM <3			
Power consumption tolerance	+/-10%			
Over Time Performance (IEC Comp	liant)			
Control gear failure rate at median usefu	l 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	DN572B LED24S/840 PSE-E C WH			
Full product name	DN572B LED24S/840 PSE-E C WH			
Full product code	871829194054800			
Order code	94054800			
Material Nr. (12NC)	910503706619			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718291940548			

1

8718291940548

Numerator - Packs per outer box

EAN/UPC - Case

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	21 W		
Power Factor (Fraction)	0.9		
Connection	Push-in connector and pull relief		
Cable	-		
Number of products on MCB of 16 A type	32		
В			

Temperature

Fixation material

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Ambient temperature range

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	Glass		

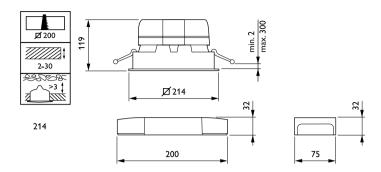
Steel

+10 to +25 °C

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LuxSpace square, recessed

Dimensional drawing





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