PHILIPS Lighting



LuxSpace, recessed

DN570B LED24S/830 PSD-VLC-E C WH

LUXSPACE 2 COMPACT LOW HEIGHT, LED module, system flux 2400 lm, 830 warm white, Power supply unit with DALI interface, DC-compatible, external, High-gloss mirror, 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	LED24S [LED module, system flux 2400 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	DN570B [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

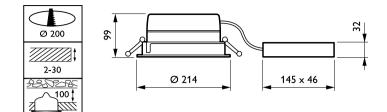
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EU RoHS compliant	No
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Light Technical	
Luminous Flux	2,600 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	113 lm/W
Colour rendering index (CRI)	>80
Light source colour	830 warm white
Optic type	High-gloss mirror
Optical cover type	-
Luminaire light beam spread	80°
Unified Glare Rating (CEN)	22
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	23 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
в	
Temperature	
Ambient temperature range	+10 to +25 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-
	compatible, external
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium die cast
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel

Housing Colour	White RAL 9003
Optical cover/lens finish	Frosted
Overall height	96.5 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	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	oliant)
Control gear failure rate at median usefu	al 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	
Analisation Constitutes	
Application Conditions	25.45
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	DN570B LED24S/830 PSD-VLC-E C WH
Full product name	DN570B LED24S/830 PSD-VLC-E C WH
Full EOC	871829193082200
Order code	93082200
Material no. (12 NC)	910503590615
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291930822
Numerator – packs per outer box	1
EAN/UPC - Case	8718291930822

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Dimensional drawing





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