



# LuxSpace, recessed

## DN571B LED24S/830 PSD-VLC-E C WH

LUXSPACE 2 COMPACT DEEP, 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]	useful life (B50) value also represents the B10 value.
Cap base	- [-]	<b>Product family code</b>
Light source replaceable	No	DN571B [LUXSPACE 2 COMPACT DEEP]
Number of gear units	Unit	<b>Lighting Technology</b>
Gear	-	LED
Driver included	Yes	<b>Value ladder</b>
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	Specification
		<b>CE mark</b>
		Yes
		<b>Warranty period</b>
		5 years
		<b>Flammability mark</b>
		For mounting on normally flammable surfaces
		<b>ENEC mark</b>
		ENEC mark
		<b>Glow-wire test</b>
		Temperature 850 °C, duration 5 s
		<b>EU RoHS compliant</b>
		No

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Light Technical	
Luminous Flux	2,500 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	109 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	70°
Unified Glare Rating (CEN)	19

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 B	24

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	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 life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L90
Lumen maintenance at median useful life* 100,000 h	L80

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data	
Order product name	DN571B LED24S/830 PSD-VLC-E C WH
Full product name	DN571B LED24S/830 PSD-VLC-E C WH
Full EOC	871829193147800
Order code	93147800
Material no. (12 NC)	910503597115
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291931478
Numerator – packs per outer box	1
EAN/UPC - Case	8718291931478

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### Dimensional drawing

