



LuxSpace, recessed

DN570B LED40S/830 PSD-VLC-E C WH

LUXSPACE 2 COMPACT LOW HEIGHT, LED module, system flux 4000 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	LED40S [LED module, system flux 4000 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

Datasheet, 2023, December 5 data subject to change

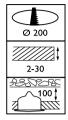
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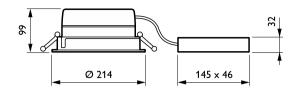
EU RoHS compliant	No	Housing Colour	White RAL 9003
EO RONS COMPHANT	NO .	Optical cover/lens finish	Frosted
Light Technical		Overall height	96.5 mm
Luminous Flux	4,200 lm	Overall diameter	214 mm
Correlated Colour Temperature	3000 K	Overall diameter	214 111111
·	124 lm/W	Approval and Application	
Luminous efficacy (rated) (nom.)	>80	Approval and Application	ID20 (Finance ments
Colour rendering index (CRI)	830 warm white	Ingress protection code	IP20 [Finger-prote
Light source colour		Mech. impact protection code Protection class IEC	IK02 [0.2 J standar
Optical cover type	High-gloss mirror	Protection class IEC	Safety class II
Optical cover type		Initial Porformance (IEC Compliant	<u> </u>
Luminaire light beam spread	80°	Initial Performance (IEC Compliant	-
Unified Glare Rating (CEN)	25	Luminous flux tolerance	+/-10%
On another and Florida		Initial chromaticity	(0.43, 0.40) SDCM
Operating and Electrical		Power consumption tolerance	+/-10%
Input Voltage	220 to 240 V	Over Time Berfermen (IEC Comm	1:4
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Comp	
Inrush current	20.4 A	Control gear failure rate at median usefu	1 5%
Inrush time	0.195 ms	life 50,000 h	
Power Consumption	34 W	Lumen maintenance at median useful	L90
Power Factor (Fraction)	0.9	life* 50,000 h	
Connection	Push-in connector and pull relief	Lumen maintenance at median useful	L80
Cable		life* 100,000 h	
Number of products on MCB of 16 A type	24		
B		Application Conditions	
		Performance ambient temperature Tq	25 ℃
Temperature		Maximum dim level	1%
Ambient temperature range	+10 to +25 °C	Suitable for random switching	Yes
Controls and Dimming		Product Data	
Dimmable	Yes	Order product name	DN570B LED40S/8
Driver/power unit/transformer	Power supply unit with DALI interface, DC-	Full product name	DN570B LED40S/
	compatible, external	Full EOC	871829194122400
Control interface	DALI	Order code	94122400
Constant light output	No	Material no. (12 NC)	910503706637
		SAP numerator – quantity per pack	1
Mechanical and Housing		EAN/UPC — Product/Case	8718291941224
Housing material	Aluminium die cast	Numerator – packs per outer box	1
Reflector material	Aluminium and polycarbonate	EAN/UPC - Case	8718291941224
Optic material	Polycarbonate		
Optical cover/lens material	Polycarbonate		

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IKO2 [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 Compli	ant)
Control gear failure rate at median useful	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	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	DN570B LED40S/830 PSD-VLC-E C WH
Full product name	DN570B LED40S/830 PSD-VLC-E C WH
Full EOC	871829194122400
Order code	94122400
Material no. (12 NC)	910503706637
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291941224
Numerator – packs per outer box	1
EAN/UPC - Case	8718291941224

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Dimensional drawing







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