# **PHILIPS** Lighting



# LuxSpace, recessed

# DN571B LED40S/840 PSD-VLC-E F WH

LUXSPACE 2 COMPACT DEEP, LED module, system flux 4000 lm, 840 neutral white, Power supply unit with DALI interface, DC compatible, external, Facetted reflector, White RAL 9003

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also user costs where they see much bigger impact on return. Therefore, LuxSpace is designed to provide the perfect combination of efficiency, visual comfort and design, without compromising on lighting performance (color rendering and light distribution). It offers a wide choice of options for creating the desired ambience to support user comfort, no matter the application is. For office applications LuxSpace supports health and wellbeing having dedicated Tunable White products and lighting controls.

#### **Product data**

General Information	
Lamp family code	LED40S [LED module, system flux 4000 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	DN571B [LUXSPACE 2 COMPACT DEEP]
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
EU RoHS compliant	No
Light Technical	
Luminous Flux	4,100 lm
Correlated Color Temperature (Nom)	4000 K

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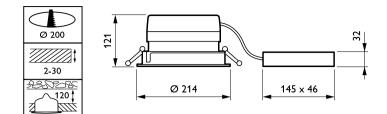
Luminous Efficacy (rated) (Nom)	128 lm/W	Overall height
Color rendering index (CRI)	>80	Overall diameter
Number of light sources	1	
Light source color	840 neutral white	Approval and Ap
Optic type	Facetted reflector	Ingress protection of
Optical cover type	-	Mech. impact prote
Luminaire light beam spread	70°	Protection class IEC
Unified glare rating CEN	22	
		Initial Performan
Operating and Electrical		Luminous flux toler
Input Voltage	220 to 240 V	Initial chromaticity
Line Frequency	50 to 60 Hz	Power consumption
Inrush current	20.4 A	
Inrush time	0.195 ms	Over Time Perfo
Power Consumption	32 W	Control gear failure
Power Factor (Fraction)	0.9	life 50000 h
Connection	Push-in connector and pull relief	Lumen maintenance
Cable	-	life* 50000 h
Number of products on MCB of 16 A type B	24	Lumen maintenance life* 100000 h
Temperature		Application Cond
Temperature Ambient temperature range	+10 to +25 °C	Application Cono Performance ambie
	+10 to +25 °C	
	+10 to +25 °C	Performance ambie
Ambient temperature range	+10 to +25 °C	Performance ambie Maximum dim level
Ambient temperature range Controls and Dimming		Performance ambie Maximum dim level
Ambient temperature range Controls and Dimming Dimmable	Yes	Performance ambie Maximum dim level Suitable for random
Ambient temperature range Controls and Dimming Dimmable	Yes Power supply unit with DALI interface, DC	Performance ambie Maximum dim level Suitable for random Product Data
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	Yes Power supply unit with DALI interface, DC compatible, external	Performance ambie Maximum dim level Suitable for randon Product Data Order product name
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	Yes Power supply unit with DALI interface, DC compatible, external DALI	Performance ambie Maximum dim level Suitable for random Product Data Order product name Full product name
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Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	Yes Power supply unit with DALI interface, DC compatible, external DALI	Performance ambie Maximum dim level Suitable for random Product Data Order product name Full product name Full product code Order code
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	Yes Power supply unit with DALI interface, DC compatible, external DALI No	Performance ambie Maximum dim level Suitable for random Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	Yes Power supply unit with DALI interface, DC compatible, external DALI No	Performance ambie Maximum dim level Suitable for random Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quant
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material	Yes Power supply unit with DALI interface, DC compatible, external DALI No Aluminum die cast Polycarbonate aluminum coated	Performance ambie Maximum dim level Suitable for random Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quant EAN/UPC - Product
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	Yes Power supply unit with DALI interface, DC compatible, external DALI No Aluminum die cast Polycarbonate aluminum coated Polycarbonate	Performance ambie Maximum dim level Suitable for random Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quant EAN/UPC - Product Numerator - Packs
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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	(0.38, 0.37) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful	L90	
life* 50000 h		
Lumen maintenance at median useful	L80	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Maximum dim level	1%	
Suitable for random switching	Yes	
Product Data		
Order product name	DN571B LED40S/840 PSD-VLC-E F WH	
Full product name	DN571B LED40S/840 PSD-VLC-E F WH	
Full product code	871829194135400	
Order code	910503706650	
Material Nr. (12NC)	910503706650	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291941354	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291941354	

119 mm

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#### Dimensional drawing





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