# **PHILIPS** Lighting



# LuxSpace, surface mounted

## DN570C LED24S/830 PSU-E C WH

LuxSpace, surface mounted, 23 W, 2600 lm, 3000 K, Frosted

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.	

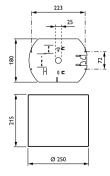
Service tag	Yes
Product family code	DN570C [LUXSPACE 2 COMPACT LOW
	HEIGHT]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Luminous Flux	2,600 lm

### LuxSpace, surface mounted

Correlated Color Temperature (Nom)	3000 K	Overall height
Luminous Efficacy (rated) (Nom)	113 lm/W	Overall diameter
Color rendering index (CRI)	>80	
Light source color	830 warm white	Approval and Appli
Optic type	High-gloss mirror	Ingress protection code
Luminaire light beam spread	80°	Mech. impact protectio
Unified glare rating CEN	22	Protection class IEC
Operating and Electrical		Initial Performance
Input Voltage	220-240 V	Luminous flux toleranc
Line Frequency	50 Hz	Initial chromaticity
Inrush current	18 A	Power consumption to
Inrush time	0.24 ms	
Power Consumption	23 W	Over Time Performa
Power Factor (Fraction)	0.9	Control gear failure rat
Connection	Push-in connector and pull relief	life 50000 h
Cable	-	Lumen maintenance at
Number of products on MCB of 16 A type	e 32	life* 50000 h
Number of products on MCB of 16 A type B	e 32	life* 50000 h
	e 32	
	e 32	life* 50000 h Application Conditi Performance ambient t
B	e 32 +10 to +25 ℃	Application Conditi
B Temperature		Application Conditi Performance ambient
B Temperature Ambient temperature range		Application Conditi Performance ambient for Suitable for random sw
B Temperature Ambient temperature range Controls and Dimming	+10 to +25 °C	Application Conditi Performance ambient Suitable for random sw Product Data
B Temperature Ambient temperature range Controls and Dimming Dimmable	+10 to +25 °C	Application Conditi Performance ambient to Suitable for random sv Product Data Order product name
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	+10 to +25 °C No Power supply unit DC compatible, external	Application Conditi Performance ambient of Suitable for random sw Product Data Order product name Full product name
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	+10 to +25 °C No Power supply unit DC compatible, external	Application Conditi Performance ambient to Suitable for random sw Product Data Order product name Full product name Full product code
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output	+10 to +25 °C No Power supply unit DC compatible, external	Application Conditi Performance ambient of Suitable for random sw Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing	+10 to +25 °C No Power supply unit DC compatible, external No	Application Conditi Performance ambient to Suitable for random sv Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material	+10 to +25 °C No Power supply unit DC compatible, external No Aluminum die cast	Application Conditi Performance ambient of Suitable for random sv Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity EAN/UPC - Product/Ca
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material	+10 to +25 °C No Power supply unit DC compatible, external No Aluminum die cast Polycarbonate aluminum coated	Application Conditi Performance ambient to Suitable for random sw Product Data Order product name Full product name Full product code Order code
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material	+10 to +25 °C  No Power supply unit DC compatible, external No Aluminum die cast Polycarbonate aluminum coated Polycarbonate	Application Conditi Performance ambient for Suitable for random sw Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity I EAN/UPC - Product/Ca
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optic material	+10 to +25 °C  No Power supply unit DC compatible, external No Aluminum die cast Polycarbonate aluminum coated Polycarbonate Polycarbonate	Application Conditi Performance ambient for Suitable for random sw Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity I EAN/UPC - Product/Ca

Overall height	217 mm	
Overall diameter	250 mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43, 0.40) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Comp	liant)	
Control gear failure rate at median useful	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	DN570C LED24S/830 PSU-E C WH	
Full product name	DN570C LED24S/830 PSU-E C WH	
Full product code	871829194482900	
Order code	94482900	
Material Nr. (12NC)	910503706707	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291944829	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291944829	

#### Dimensional drawing



LuxSpace, surface mounted



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 29 - data subject to change