PHILIPS Lighting



LuxSpace PoE

DN570B LED20S/840 POE C WH

LuxSpace PoE, 15.4 W, 2200 lm, 4000 K, Power over Ethernet, Frosted

With Power-over-Ethernet (PoE) technology, LuxSpace PoE receives power and data over a single standard Ethernet cable, eliminating the need for separate power cabling. With the simple click of a connector, LuxSpace PoE luminaires become part of a complete, integrated connected lighting system, delivering extraordinary illumination experiences and value beyond illumination. A built-in lighting and control system gives office users personal control over their preferred light settings via a specially designed smartphone app. With integrated sensors, LuxSpace PoE luminaires can track activity patterns, daylight levels, and in the near future humidity, CO2, temperature, or other data. This data allows facility managers to gain deep insight into building operations, helping them optimize the delivery of resources, enhance the experience and performance of occupants, and support improved asset management.

Product data

General Information	
Lamp family code	LED20S [LED Module, system flux 2000 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	DN570B [LUXSPACE 2 COMPACT LOW
	HEIGHT]
Lighting Technology	LED
Glow-wire test	Temperature 850 °C, duration 5 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No

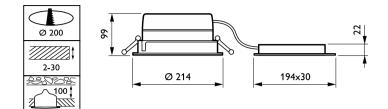
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Value ladder	Specification
Light Technical	
Luminous Flux	2,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	143 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	High-gloss mirror
Luminaire light beam spread	80°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	48 to 54 V
Line Frequency	50 to 60 Hz
Inrush current	5 A
Inrush time	1 ms
Power Consumption	15.4 W
Power Factor (Fraction)	1
Connection	RJ45 connector
Cable	-
Number of products on MCB of 16 A type	
В	
Temperature	
Ambient temperature range	+10 to +25 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Luminaire controller with power over
	Ethernet
Control interface	Power over Ethernet
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Reflector material	
Optic material	Polycarbonate

Fixation material	Steel
Housing Color	White RAL 9003
Optical cover 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 III
Initial Performance (IEC Compliant	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	
Control gear failure rate at median usefulife 50000 h	il 5%
Lumen maintenance at median useful	L90
life* 50000 h	
Application Conditions	
Application Conditions	25 °C
Performance ambient temperature Tq	
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	DN570B LED20S/840 POE C WH
Full product name	DN570B LED20S/840 POE C WH
Full product code	871829194350100
Order code	910503706663
Material Nr. (12NC)	910503706663
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291943501
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291943501

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Dimensional drawing





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