PHILIPS Lighting



LuxSpace PoE

DN570B LED24S/840 POE C WH

LuxSpace PoE, 19 W, 2600 lm, 4000 K, Power over Ethernet, Frosted

With Power-over-Ethernet (PoE) technology, LuxSpace Interact 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 Interact 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 Interact PoE luminaires can track activity patterns, daylight levels, and in the near future humidity, CO2, and temperature data. This data allows facility managers to gain deep insight into building operations, helping them optimise the delivery of resources, enhance the experience and performance of occupants, and support improved asset management.

Product data

General Information	
Lamp family code	LED24S [LED module, system flux 2400 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

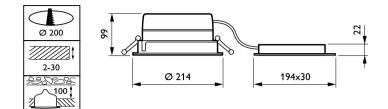
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Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Luminous Flux	2,600 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	137 lm/W
Colour rendering index (CRI)	>80
Light source colour	840 neutral 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	19 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	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	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 50,000 h	
Lumen maintenance at median useful life* 50,000 h	L90
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	DN570B LED24S/840 POE C WH
Full product name	DN570B LED24S/840 POE C WH
Full EOC	871829194354900
Order code	94354900
Material no. (12 NC)	910503706667
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291943549
Numerator – packs per outer box	1
EAN/UPC - Case	8718291943549

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Dimensional drawing





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