



LuxSpace PoE

DN570B LED24S/840 POE-E C WH

LuxSpace PoE, 18.4 W, D200 mm, 2600 lumen, 4000 K, Power over Ethernet, High-gloss reflector, IP20

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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
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	-
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,600 lumen
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	141 lm/W
Color rendering index (CRI)	>80

Datasheet, 2023, September 5 data subject to change

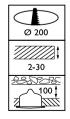
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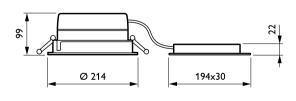
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	80°
Unified glare rating CEN	22
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Voltage	48 to 54 V
Inrush current	16 A
Inrush time	0.195 ms
Power Consumption	18.4 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24
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
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover/lens finish	-
Reflector Finish	High-gloss reflector
Overall height	96 mm

Overall diameter	214 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IKO2 [0.2 J standard]
Sustainability rating	=
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.38) SDCM <2
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia	nt)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Application Conditions	
Maximum dim level	1%
- Indian and total	176
Performance ambient temperature Tq	25 °C
Performance ambient temperature Tq Suitable for random switching	25 ℃
Performance ambient temperature Tq Suitable for random switching Product Data	25 °C Yes
Performance ambient temperature Tq Suitable for random switching Product Data Full product code	25 °C Yes 871869997065900
Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name	25 °C Yes 871869997065900 DN570B LED24S/840 POE-E C WH
Performance ambient temperature Tq Suitable for random switching Product Data Full product code Order product name Order code	25 °C Yes 871869997065900 DN570B LED24S/840 POE-E C WH 910505100936
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Dimensional drawing





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