![PHILIPS Lighting logo]

LuxSpace PoE

DN560B LED12S/830 POE F WH

LuxSpace PoE, 9.2 W, 1200 lm, 3000 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	LED12S [LED module, system flux 1200 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	DN560B [LuxSpace2 Mini Low height recessed]
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

LuxSpace PoE

Value ladder	Specification
Light Technical	
Luminous Flux	1,200 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white
Optic type	Facetted reflector
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	9.2 W
Power Factor (Fraction)	1
Connection	RJ45 connector
Cable	–
Number of products on MCB of 16 A type B	–
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 material	Polycarbonate
Fixation material	Steel

Housing Color	White RAL 9003
Optical cover finish	Frosted
Overall height	72 mm
Overall diameter	164 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)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L90
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	DN560B LED12S/830 POE F WH
Full product name	DN560B LED12S/830 POE F WH
Full product code	871829194360000
Order code	910503706673
Material Nr. (12NC)	910503706673
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718291943600
Numerator – Packs per outer box	1
EAN/UPC – Case	8718291943600

LuxSpace PoE

Dimensional drawing

Ø 150

2-30

75

74

Ø 164

150 x 46

32