



LuxSpace PoE

DN560B LED12S/830 POE-E C WH

LuxSpace PoE, 10.6 W, D150 mm, 1350 lumen, 3000 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	DN560B [LuxSpace2 Mini Low height
	recessed]
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	1,350 lumen
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	127 lm/W
Color rendering index (CRI)	>80

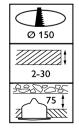
Datasheet, 2023, September 5 data subject to change

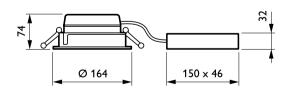
LuxSpace PoE

Light source color Optic type Luminaire light beam spread 80° Unified glare rating CEN 22 Operating and Electrical Line Frequency Input Voltage 16 A Inrush current 16 A Inrush time 0.195 ms Power Consumption 10.6 W Power Factor (Fraction) Cable Number of products on MCB of 16 A type B Ambient temperature range 10 Inmable 11 Inmable 12 Inmable 13 Inmable 14 Inmable 15 Inmable 16 Inmable 17 Inmable 18 Inmable 19 Inmable 19 Inmable 10 Inmable 10 Inmable 10 Inmable 11 Inmable 12 Inmable 13 Inmable 14 Inmable 15 Inmable 16 Inmable 17 Inmable 18 Inmable 19 Inmable 19 Inmable 10 Inmable 10 Inmable 10 Inmable 11 Inmable 12 Inmable 13 Inmable 14 Inmable 15 Inmable 16 Inmable 17 Inmable 18 Inmable 18 Inmable 19 Inmable 19 Inmable 10 Inmable 10 Inmable 11 Inmable 12 Inmable 11 Inmable 12 Inmable 13 Inmable 14 Inmable 14 Inmable 15 Inmable 16 Inmable 17 Inmable 18 Inmable 19 Inmable 19 Inmable 10 In		
Luminaire light beam spread Unified glare rating CEN 22 Operating and Electrical Line Frequency Input Voltage 48 to 54 V Inrush current 16 A Inrush time 0.195 ms Power Consumption 10.6 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type B Ambient temperature range +10 to +25 °C Controls and Dimming Dimmable Yes Control interface Control interface Constant light output No Mechanical and Housing Housing Material Reflector material Optical cover/lens material Fixation material Reflector Finish Reflector Finish Polycarbonate effector	Light source color	830 warm white
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 10.6 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 Optic material Polycarbonate Optic material Steel Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Optic type	-
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 10.6 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 Fixation material Steel Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Luminaire light beam spread	80°
Input Voltage 48 to 54 V Inrush current 16 A Inrush time 0.195 ms Power Consumption 10.6 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 Optical cover/lens material Steel Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Unified glare rating CEN	22
Input Voltage 48 to 54 V Inrush current 16 A Inrush time 0.195 ms Power Consumption 10.6 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 Optical cover/lens material Steel Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector		
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Power Consumption 10.6 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 Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Steel Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Input Voltage	48 to 54 V
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Power Factor (Fraction) Connection Push-in connector and pull relief 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 Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Fixation material Fixation material Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Inrush time	0.195 ms
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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 Fixation material Steel Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Power Factor (Fraction)	0.9
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/lens material Steel Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Connection	Push-in connector and pull relief
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 Optical cover/lens material Polycarbonate Fixation material Steel Housing Color White Optical cover/lens finish Reflector Finish High-gloss reflector	Cable	-
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Dimmable Priver/power unit/transformer Ethernet Control interface Power over Ethernet Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Housing Color White Optical cover/lens finish Reflector Finish Pelycarbonate High-gloss reflector	Ambient temperature range	+10 to +25 ℃
Dimmable Priver/power unit/transformer Ethernet Control interface Power over Ethernet Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Housing Color White Optical cover/lens finish Reflector Finish Pelycarbonate High-gloss reflector		
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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	Dimmable	Yes
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	Driver/power unit/transformer	Luminaire controller with power over
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		Ethernet
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	Control interface	Power over Ethernet
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	Constant light output	No
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		
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	Mechanical and Housing	
Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Steel Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Housing Material	Aluminum die cast
Optical cover/lens material Polycarbonate Fixation material Steel Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Reflector material	Polycarbonate aluminum coated
Fixation material Steel Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Optic material	Polycarbonate
Housing Color White Optical cover/lens finish - Reflector Finish High-gloss reflector	Optical cover/lens material	Polycarbonate
Optical cover/lens finish - Reflector Finish High-gloss reflector	Fixation material	Steel
Reflector Finish High-gloss reflector	Housing Color	White
	Optical cover/lens finish	=
Overall height 74 mm	Reflector Finish	High-gloss reflector
	Overall height	74 mm

Overall diameter	164 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.43, 0.40) SDCM <2
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complian	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%
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes
Product Data	
Full product code	871869997058100
Order product name	DN560B LED12S/830 POE-E C WH
Order code	910505100929
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505100929
Full product name	DN560B LED12S/830 POE-E C WH
EAN/UPC - Case	8718699970581
EAN/UPC - Product/Case	8718699970581

Dimensional drawing





LuxSpace PoE



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