



# LuxSpace PoE – Intelligent energy- saving luminaire enabled for connected lighting systems

## LuxSpace PoE

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, CO<sub>2</sub>, 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.

### Benefits

- LED lighting and control system with breakthrough Total Cost of Ownership, reducing installation costs by around 25% and commissioning costs by around 50%
- Software applications optimize working processes, comfort, and asset utilization and management
- Clear customer benefits in both the construction and usage phases of a building

# LuxSpace PoE

## Features

- Data gathering on building usage via luminaire sensors
- Personal control of lighting and temperature settings
- Simpler and cheaper installation and lighting commissioning

## Application

- General lighting for office buildings

## Specifications

<b>Type</b>	DN570B (low height version) DN571B (deep version)
<b>Ceiling type</b>	Plaster (board) ceiling
<b>Light source</b>	Non replaceable LED module
<b>Power</b>	24.2 W
<b>Luminous flux</b>	2400 lm
<b>Correlated Color</b>	4000 K
<b>Temperature</b>	
<b>Color Rendering Index</b>	> 80
<b>Median useful life</b>	70,000 hours
<b>L70B50</b>	
<b>Median useful life</b>	50,000 hours
<b>L80B50</b>	
<b>Median useful life</b>	25,000 hours
<b>L90B50</b>	
<b>Average ambient temperature</b>	25 °C
<b>Operating temperature range</b>	+10 to +40 °C

<b>Driver</b>	Separate
<b>Power/Data supply</b>	PoE (Power over Ethernet) driver
<b>Mains voltage</b>	54 V (PoE switch)
<b>Dimming</b>	Via PoE controller
<b>Controls system input</b>	PoE controller
<b>Options</b>	Rimless version for plaster ceiling
<b>Material</b>	Housing and rim: aluminum Reflector: plastic, with aluminum coated high-gloss and faceted optics
<b>Color</b>	Rim: white (RAL 9010), grey, black (RAL 9005) or high-gloss metalized
<b>Optic</b>	High-gloss mirror (C) Faceted reflector (F)
<b>Connection</b>	PoE connector CAT cable
<b>Installation</b>	Fixation by means of spring fasteners
<b>Remarks</b>	External driver included

## Versions



LuxSpace2 Mini Low height  
recessed - LED Module, system  
flux 1200 lm



LUXSPACE 2 COMPACT LOW  
HEIGHT - LED Module, system flux  
2400 lm

# LuxSpace PoE

## Versions



LUXSPACE 2 COMPACT DEEP –  
LED Module, system flux 2400 lm



LuxSpace2 Square

### Application Conditions

Ambient temperature range	+10 to +25 °C
Maximum dimming level	1%
Suitable for random switching	Yes

### Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

### Controls and Dimming

Dimmable	Yes
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### Operating and Electrical

Input Voltage	48 to 54 V
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### General Information

CE mark	CE mark
Protection class IEC	Safety class II (II)
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	850/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	C

### Initial Performance (IEC Compliant)

Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%

### Mechanical and Housing

Colour	White RAL 9003
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### General Information

Order Code	Full Product Name	Product family code
97058100	DN560B LED12S/830 POE-E C WH	DN560B
97059800	DN560B LED12S/840 POE-E C WH	DN560B
97060400	DN570B LED20S/830 POE-E C WH	DN570B
97061100	DN570B LED20S/840 POE-E C WH	DN570B
97064200	DN570B LED24S/830 POE-E C WH	DN570B
97065900	DN570B LED24S/840 POE-E C WH	DN570B
97062800	DN571B LED20S/830 POE-E C WH	DN571B
97063500	DN571B LED20S/840 POE-E C WH	DN571B
97066600	DN571B LED24S/830 POE-E C WH	DN571B
97067300	DN571B LED24S/840 POE-E C WH	DN571B
97068000	DN572B LED20S/830 POE-E C WH	DN572B
97069700	DN572B LED20S/840 POE-E C WH	DN572B
97070300	DN572B LED24S/830 POE-E C WH	DN572B
97071000	DN572B LED24S/840 POE-E C WH	DN572B

## Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
97058100	DN560B LED12S/830 POE-E C WH	(0.43, 0.40) SDCM <2	3000 K	127 lm/W	1350 lm
97059800	DN560B LED12S/840 POE-E C WH	(0.38, 0.38) SDCM <2	4000 K	138 lm/W	1350 lm
97060400	DN570B LED20S/830 POE-E C WH	(0.43, 0.40) SDCM <2	3000 K	134 lm/W	2200 lm
97061100	DN570B LED20S/840 POE-E C WH	(0.38, 0.38) SDCM <2	4000 K	149 lm/W	2200 lm
97064200	DN570B LED24S/830 POE-E C WH	(0.43, 0.40) SDCM <2	3000 K	130 lm/W	2600 lm
97065900	DN570B LED24S/840 POE-E C WH	(0.38, 0.38) SDCM <2	4000 K	141 lm/W	2600 lm
97062800	DN571B LED20S/830 POE-E C WH	(0.43, 0.40) SDCM <2	3000 K	134 lm/W	2200 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
97063500	DN571B LED20S/840 POE-E C WH	(0.38, 0.38) SDCM <2	4000 K	149 lm/W	2200 lm
97066600	DN571B LED24S/830 POE-E C WH	(0.43, 0.40) SDCM <2	3000 K	130 lm/W	2600 lm
97067300	DN571B LED24S/840 POE-E C WH	(0.38, 0.38) SDCM <2	4000 K	141 lm/W	2600 lm
97068000	DN572B LED20S/830 POE-E C WH	(0.43, 0.40) SDCM <2	3000 K	134 lm/W	2200 lm
97069700	DN572B LED20S/840 POE-E C WH	(0.38, 0.38) SDCM <2	4000 K	149 lm/W	2200 lm
97070300	DN572B LED24S/830 POE-E C WH	(0.43, 0.40) SDCM <2	3000 K	130 lm/W	2600 lm
97071000	DN572B LED24S/840 POE-E C WH	(0.38, 0.38) SDCM <2	4000 K	141 lm/W	2600 lm

## Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
97058100	DN560B LED12S/830 POE-E C WH	10.6 W
97059800	DN560B LED12S/840 POE-E C WH	9.8 W
97060400	DN570B LED20S/830 POE-E C WH	16.4 W
97061100	DN570B LED20S/840 POE-E C WH	14.8 W
97064200	DN570B LED24S/830 POE-E C WH	20 W
97065900	DN570B LED24S/840 POE-E C WH	18.4 W
97062800	DN571B LED20S/830 POE-E C WH	16.4 W

Order Code	Full Product Name	Initial input power
97063500	DN571B LED20S/840 POE-E C WH	14.8 W
97066600	DN571B LED24S/830 POE-E C WH	20 W
97067300	DN571B LED24S/840 POE-E C WH	18.4 W
97068000	DN572B LED20S/830 POE-E C WH	16.4 W
97069700	DN572B LED20S/840 POE-E C WH	14.8 W
97070300	DN572B LED24S/830 POE-E C WH	20 W
97071000	DN572B LED24S/840 POE-E C WH	18.4 W

