



# LuxSpace PoE

## DN570B LED24S/840 POE F WH

LUXSPACE 2 COMPACT LOW HEIGHT - LED Module, system flux 2400 lm - 840 neutral white - Luminaire controller with power over Ethernet - Facetted reflector - RJ45 connector - White RAL 9003

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	LED24S [ LED Module, system flux 2400 lm]
Light source color	840 neutral white
Cap-Base	- [ - ]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	Luminaire controller with power over Ethernet

Driver included	Yes
Optic type	Facetted reflector
Luminaire light beam spread	80°
Control interface	Power over Ethernet
Connection	RJ45 connector
Cable	-
Protection class IEC	Safety class III
Glow-wire test	Temperature 850 °C, duration 5 s

<b>Flammability mark</b>	For mounting on normally flammable surfaces
<b>CE mark</b>	CE mark
<b>ENEC mark</b>	ENEC mark
<b>UL mark</b>	-
<b>Warranty period</b>	5 years
<b>Remarks</b>	*-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.
<b>Constant light output</b>	No
<b>Number of products on MCB of 16 A type B</b>	-
<b>RoHS mark</b>	-
<b>Product family code</b>	DN570B [ LUXSPACE 2 COMPACT LOW HEIGHT]
<b>Unified glare rating CEN</b>	22

## Operating and Electrical

<b>Input Voltage</b>	48 to 54 V
<b>Input Frequency</b>	50 to 60 Hz
<b>Inrush current</b>	5 A
<b>Inrush time</b>	1 ms
<b>Power Factor (Min)</b>	1

## Controls and Dimming

<b>Dimmable</b>	Yes
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## Mechanical and Housing

<b>Housing Material</b>	Aluminum die cast
<b>Reflector material</b>	Polycarbonate aluminum coated
<b>Optic material</b>	Polycarbonate
<b>Optical cover/lens material</b>	Polycarbonate
<b>Fixation material</b>	Steel
<b>Optical cover/lens finish</b>	Frosted
<b>Overall height</b>	96.5 mm
<b>Overall diameter</b>	214 mm

<b>Color</b>	White RAL 9003
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## Approval and Application

<b>Ingress protection code</b>	IP20 [ Finger-protected]
<b>Mech. impact protection code</b>	IK02 [ 0.2 J standard]

## Initial Performance (IEC Compliant)

<b>Initial luminous flux (system flux)</b>	2600 lm
<b>Luminous flux tolerance</b>	+/-10%
<b>Initial LED luminaire efficacy</b>	130 lm/W
<b>Init. Corr. Color Temperature</b>	4000 K
<b>Init. Color Rendering Index</b>	>80
<b>Initial chromaticity</b>	(0.38, 0.37) SDCM <3
<b>Initial input power</b>	20 W
<b>Power consumption tolerance</b>	+/-10%

## Over Time Performance (IEC Compliant)

<b>Control gear failure rate at median useful life 50000 h</b>	5 %
<b>Lumen maintenance at median useful life* 50000 h</b>	L90

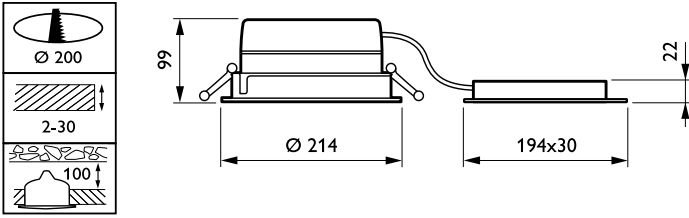
## Application Conditions

<b>Ambient temperature range</b>	+10 to +25 °C
<b>Performance ambient temperature Tq</b>	25 °C
<b>Maximum dim level</b>	1%
<b>Suitable for random switching</b>	Yes

## Product Data

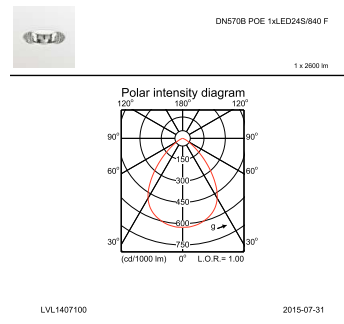
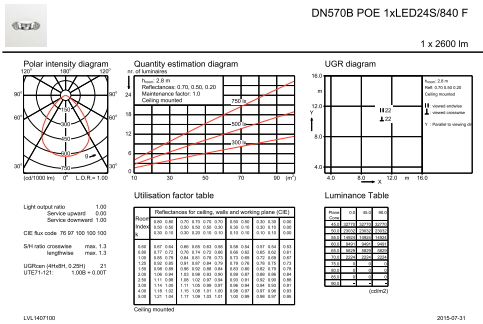
<b>Full product code</b>	871829194355600
<b>Order product name</b>	DN570B LED24S/840 POE F WH
<b>EAN/UPC - Product</b>	8718291943556
<b>Order code</b>	910503706668
<b>Numerator - Quantity Per Pack</b>	1
<b>Numerator - Packs per outer box</b>	1
<b>Material Nr. (12NC)</b>	910503706668
<b>Net Weight (Piece)</b>	1.080 kg

Dimensional drawing



LuxSpace gen2 DN570B-DN572B

Photometric data



IFGU1\_DN570B POE 1xLED24S840 F.EPS

IFPC1\_DN570B POE 1xLED24S840 F.EPS

