LuxSpace PoE

DN570B LED24S/830 POE-E C WH

LUXSPACE 2 COMPACT LOW HEIGHT – 830 warm white – Luminaire controller with power over Ethernet – High-gloss mirror – Push-in connector and pull relief – 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			
Light source color	830 warm white	Connection	Push-in connector and pull relief
Light source replaceable	No	Cable	–
Number of gear units	1 unit	Protection class IEC	Safety class II
Driver/power unit/transformer	Luminaire controller with power over Ethernet	Glow-wire test	Temperature 850 ℃, duration 5 s
		Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	CE mark	CE mark
Optic type	High-gloss mirror	ENEC mark	–
Luminaire light beam spread	80°	Warranty period	5 years
Control interface	Power over Ethernet	Constant light output	No

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Number of products on MCB of 16 A type B	24
EU RoHS compliant	Yes
Service tag	Yes
Product family code	DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]
Unified glare rating CEN	22

Operating and Electrical

Input Voltage	48 to 54 V
Input Frequency	50 to 60 Hz
Inrush current	16 A
Inrush time	0.195 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall height	96 mm
Overall diameter	214 mm
Color	White RAL 9003
Dimensions (Height x Width x Depth)	96 x NaN x NaN mm (3.8 x NaN x NaN in)

Approval and Application

Ingress protection code	IP20 [Finger–protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2600 lm

Luminous flux tolerance	+/–10%
Initial LED luminaire efficacy	130 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM <2
Initial input power	20 W
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

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

Product Data

Full product code	871869997064200
Order product name	DN570B LED24S/830 POE–E C WH
EAN/UPC – Product	8718699970642
Order code	910505100935
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	910505100935
Net Weight (Piece)	1.080 kg

Dimensional drawing
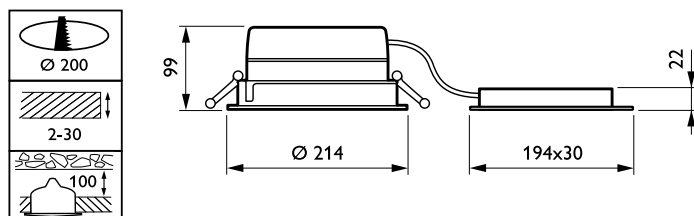
LuxSpace gen2 DN570B–DN572B

LuxSpace PoE

Photometric data

DN570B PSE-E 1xLED24S/830 C

1 x 2600 lm
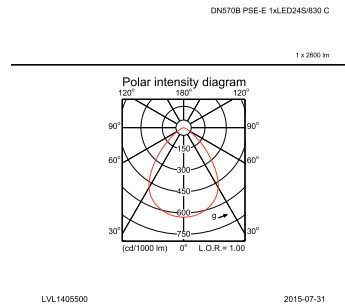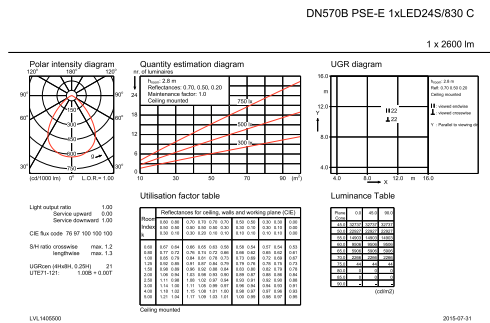
IFGU_DN570B PSE-E 1xLED24S/830 C-General uniform lighting

DN570B PSE-E 1xLED24S/830 C

1 x 2600 lm

IFPC_DN570B PSE-E 1xLED24S/830 C-Polar Indoor (combined)

www.lighting.philips.com

2021, September 29 – data subject to change