LuxSpace Interact Ready – Intelligent energy-saving luminaire enabled for connected lighting systems

LuxSpace PoE

With Power-over-Ethernet (PoE) technology, LuxSpace Interact 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 Interact 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 Interact PoE luminaires can track activity patterns, daylight levels, and in the near future humidity, CO_2, and temperature data. This data allows facility managers to gain deep insight into building operations, helping them optimise 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
- Software applications optimise working processes, comfort, and asset utilisation and management
- Clear customer benefits in both the construction and usage phases of a smart connected 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
· 3 Hour Emergency option

Application
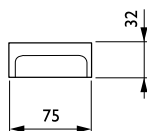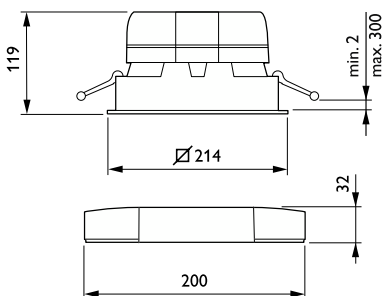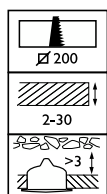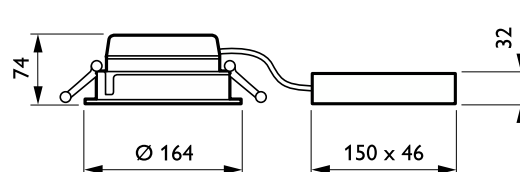· General lighting for office buildings

Versions
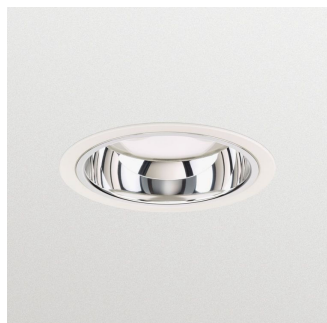
IPPR DN570Bi 0051

IPPR DN570Bi 0001

IPPR DN570Bi 0015

Dimensional drawing

LuxSpace PoE
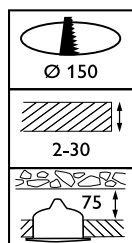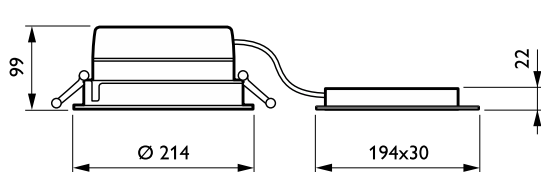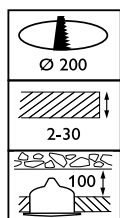
General Information

CE mark	Yes
Driver included	Yes
ENEC mark	–
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 850 °C, duration 5 s
Light source replaceable	No
Number of gear units	Unit

Light Technical

Correlated Colour Temperature	4000 K
Colour rendering index (CRI)	>80
Optic type	–

Operating and Electrical

Input Voltage	48 to 54 V
Line Frequency	50 to 60 Hz

Temperature

Ambient temperature range	+10 to +25 °C

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Colour	White

Approval and Application

Protection class IEC	Safety class II
Mech. impact protection code	IK02
Ingress protection code	IP20

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <2
Luminous flux tolerance	+/-10%

Application Conditions

Maximum dim level	1%
Suitable for random switching	Yes

General Information

Order Code	Full Product Name	Product family code
97059800	DN560B LED12S/840 POE-E C WH	DN560B
97069700	DN572B LED20S/840 POE-E C WH	DN572B
97061100	DN570B LED20S/840 POE-E C WH	DN570B
97063500	DN571B LED20S/840 POE-E C WH	DN571B

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux
97059800	DN560B LED12S/840 POE-E C WH	138 lm/W	1,350 lm
97069700	DN572B LED20S/840 POE-E C WH	149 lm/W	2,200 lm

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux
97061100	DN570B LED20S/840 POE-E C WH	149 lm/W	2,200 lm
97063500	DN571B LED20S/840 POE-E C WH	149 lm/W	2,200 lm

LuxSpace PoE

Operating and Electrical

Order Code	Full Product Name	Power Consumption
97059800	DN560B LED12S/840 POE-E C WH	9.8 W
97069700	DN572B LED20S/840 POE-E C WH	14.8 W

Order Code	Full Product Name	Power Consumption
97061100	DN570B LED20S/840 POE-E C WH	14.8 W
97063500	DN571B LED20S/840 POE-E C WH	14.8 W

www.lighting.philips.com

2023, August 2 – data subject to change