



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, 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.

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

Features

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

Application

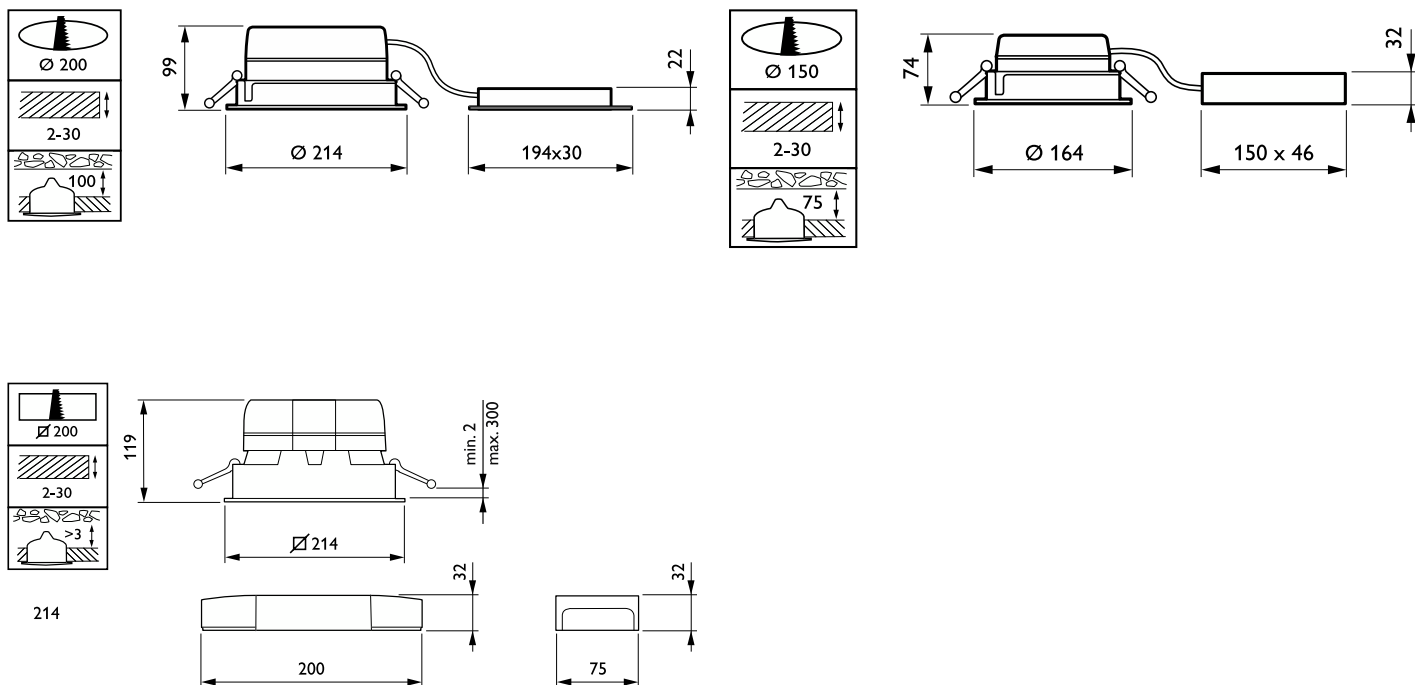
- General lighting for office buildings

Versions



IPPR_DN560Bi_0009-Product photo

Dimensional drawing



General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Color rendering index (CRI)	>80
Optic type	-
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	48 to 54 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes
Controls and Dimming	
Dimmable	Yes
Maximum dim level	1%
Mechanical and Housing	
Housing Color	White
Mech. impact protection code	IK02
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	+10 to +25 °C
CE mark	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	
		Temperature (Nom)	(rated) (Nom)	Luminous Flux
910505100929	DN560B LED12S/830 POE-E C WH	3000 K	127 lm/W	1,350 lm
910505100930	DN560B LED12S/840 POE-E C WH	4000 K	138 lm/W	1,350 lm
910505100939	DN572B LED20S/830 POE-E C WH	3000 K	134 lm/W	2,200 lm
910505100940	DN572B LED20S/840 POE-E C WH	4000 K	149 lm/W	2,200 lm
910505100941	DN572B LED24S/830 POE-E C WH	3000 K	130 lm/W	2,600 lm
910505100942	DN572B LED24S/840 POE-E C WH	4000 K	141 lm/W	2,600 lm
910505100931	DN570B LED20S/830 POE-E C WH	3000 K	134 lm/W	2,200 lm
910505100935	DN570B LED24S/830 POE-E C WH	3000 K	130 lm/W	2,600 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505100929	DN560B LED12S/830 POE-E C WH	10.6 W
910505100930	DN560B LED12S/840 POE-E C WH	9.8 W
910505100939	DN572B LED20S/830 POE-E C WH	16.4 W
910505100940	DN572B LED20S/840 POE-E C WH	14.8 W

Order Code	Full Product Name	Power Consumption
910505100941	DN572B LED24S/830 POE-E C WH	20 W
910505100942	DN572B LED24S/840 POE-E C WH	18.4 W
910505100931	DN570B LED20S/830 POE-E C WH	16.4 W
910505100935	DN570B LED24S/830 POE-E C WH	20 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505100929	DN560B LED12S/830 POE-E C WH	(0.43, 0.40) SDCM <2
910505100930	DN560B LED12S/840 POE-E C WH	(0.38, 0.38) SDCM <2

Order Code	Full Product Name	Initial chromaticity
910505100939	DN572B LED20S/830 POE-E C WH	(0.43, 0.40) SDCM <2
910505100940	DN572B LED20S/840 POE-E C WH	(0.38, 0.38) SDCM <2

Order Code	Full Product Name	Initial chromaticity
910505100941	DN572B LED24S/830 POE-E C WH	(0.43, 0.40) SDCM <2
910505100942	DN572B LED24S/840 POE-E C WH	(0.38, 0.38) SDCM <2

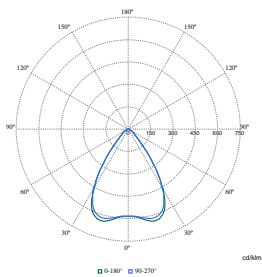
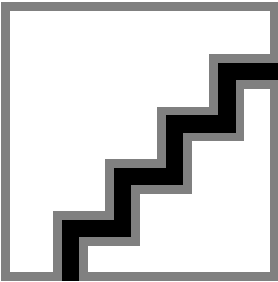
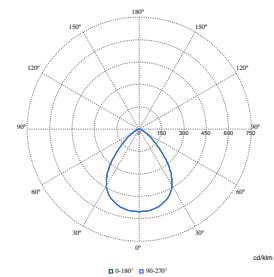
Order Code	Full Product Name	Initial chromaticity
910505100931	DN570B LED20S/830 POE-E C WH	(0.43, 0.40) SDCM <2
910505100935	DN570B LED24S/830 POE-E C WH	(0.43, 0.40) SDCM <2

Product Data

Order Code	Full Product Name	Product family code
910505100929	DN560B LED12S/830 POE-E C WH	DN560B
910505100930	DN560B LED12S/840 POE-E C WH	DN560B
910505100939	DN572B LED20S/830 POE-E C WH	DN572B
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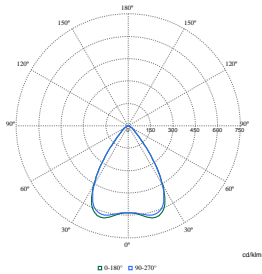
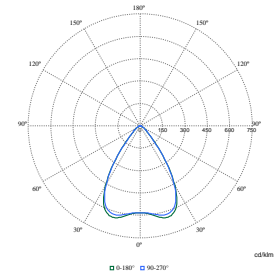
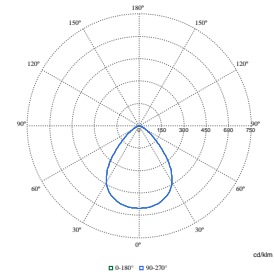
Polar Wide Diagrams



Polar Normal (separate) - DN560BI - 910505100930

Polar Normal (separate) - DN570BI - 910505100935

Polar Normal (separate) - DN572BI - 910505100940

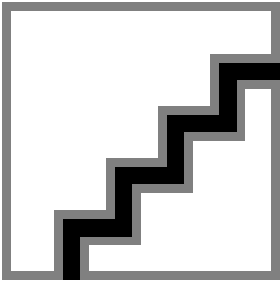


Polar Normal (separate) - DN560BI - 910505100929

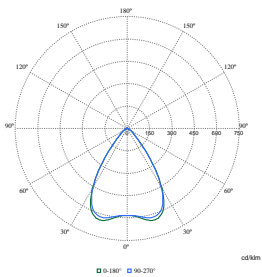
Polar Normal (separate) - DN572BI - 910505100941

Polar Normal (separate) - DN572BI - 910505100939

Polar Wide Diagrams



Polar Normal (separate) - DN570BI - 910505100931



Polar Normal (separate) - DN572BI - 910505100942

