



# PDZG-E

ZigBee Gateway

## Reliable wireless lighting control

The Philips Dynalite ZigBee Gateway Ethernet is a wireless communication hub that connects up to 25 ZigBee nodes in a Philips Dynalite lighting control system. The PDZG-E translates between Ethernet and ZigBee.

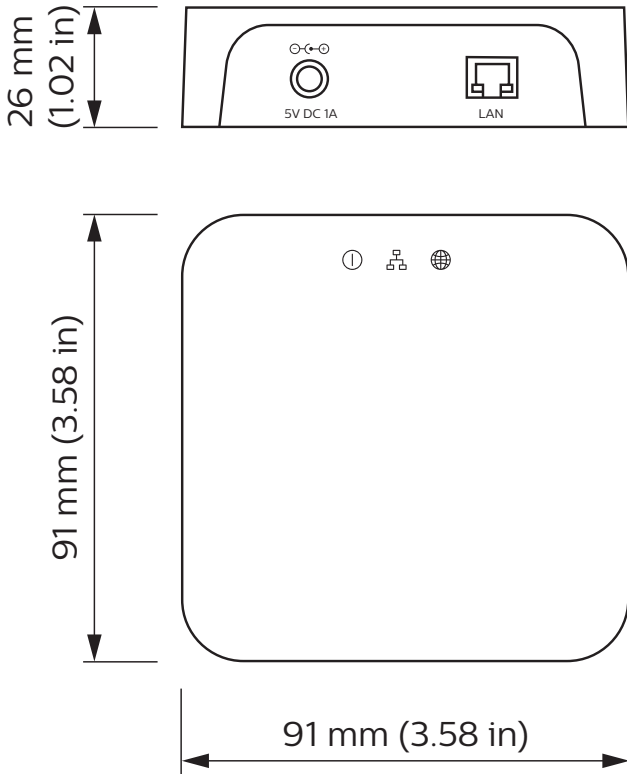
# PDZG-E

## Reliable wireless lighting control

- **ZigBee PRO wireless communication** – Seamlessly integrates wireless lighting control into a Philips Dynalite system without expensive control wiring.
- **Wireless mesh network** – Ensures stable and robust lighting control in busy environments.
- **Fully compatible with the Dynalite portfolio** – Connect to a Dynalite system through the Ethernet connection. Configure using System Builder.
- **Wall mount bracket included** – Easy to mount on any wall type.

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## Dimensions



# Specifications

Due to continuous improvements and innovations, specifications may change without notice.



## PDZG-E ZigBee Gateway

### Electrical

Power Supply Input	100-240 VAC, 50/60 Hz
Power Supply Output	5 VDC 1 A (Class 2/SELV)
Maximum Power Consumption	2.5 W
IEC Overvoltage Category	III


### Wireless

Compatible Wireless Nodes	SNS401(CMP)
Maximum Mesh Network Gap	10 m
Maximum Nodes Per PDZG-E	25

### Control

Communication Ports	1 x Ethernet (10/100 baseT) 1 x ZigBee
Supported Protocols	TCP/IP (IPv6) UDP
User Input	1 x Service button
Indicators	1 x Power LED 1 x Network LED

### Physical

Dimensions (H x W x D)	91 x 91 x 26 mm (3.58 x 3.58 x 1.02 in)
Mounting Bracket (H x W x D)	97 x 97 x 34 mm (3.82 x 3.82 x 1.34 in)
Net Weight (including bracket)	95 g (0.21 lb)
Construction	ABS
Color	Signal white (RAL9003)
Communication Ports	1 x RJ45
Supply Terminal	1 x DC plug 5.5 mm (0.22 in) 
Included Plug Types	A, B, C, G

### Environment

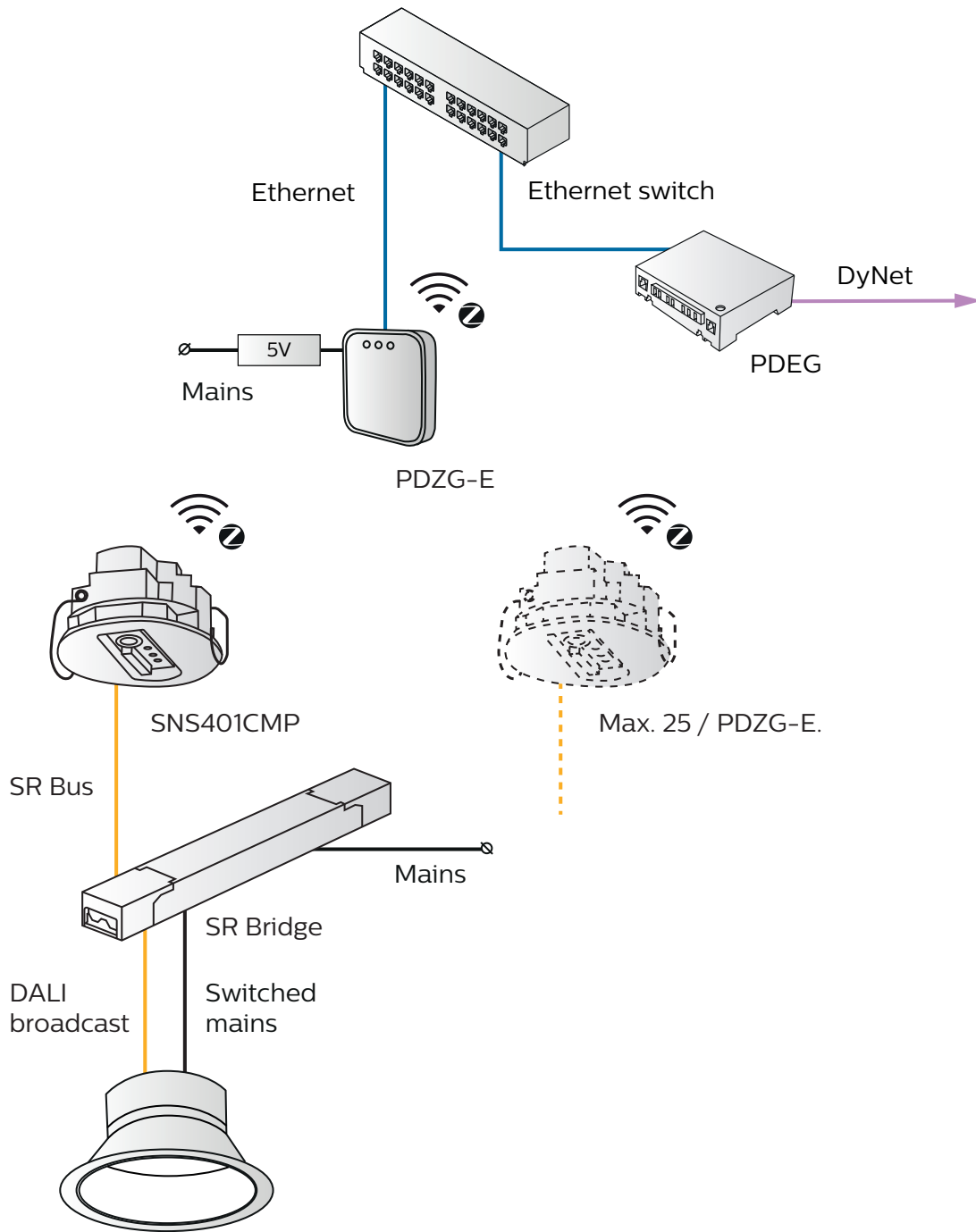
Operating Temperature	0° to 40°C ambient (32° to 104°F)
Storage/Transport Temperature	-40° to 80°C ambient (-40° to 176°F)
Relative Humidity	0 to 90% non-condensing (operating) 10 to 90% non-condensing (storage)
IEC Pollution Degree	II

### Compliance

Certification	CE, UL/cUL, FCC, ICES, SRRC, RoHS
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## Network Overview



## Ordering Code

**Product**  
PDZG-E

**Philips 12NC**  
913703245409



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