

Specification Sheet

# UID8465/50

## Zigbee Green Power Switch and Scene Selector

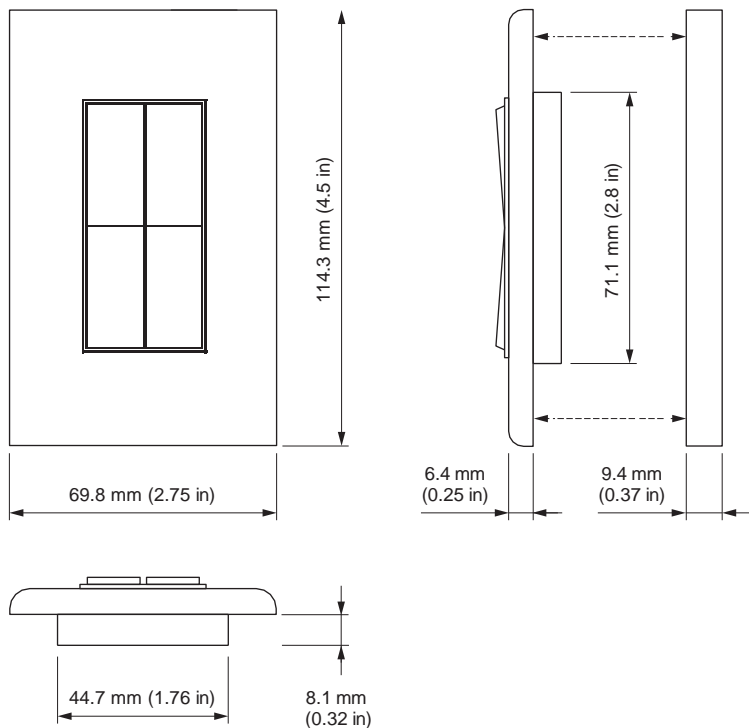
- Wireless operation, no power connections needed.
- Self-powered using kinetic energy of a button press action, no batteries required.
- 4-button ON/OFF dimmer switch with scene selection.
- Indoor wireless range typically 10 m (33 ft). Walls and obstacles might reduce the range.

# UID8465/50

## Features and benefits

- Wireless communication based on ZigBee Pro standard (IEE 802.15.4 WPAN). The switch does not require any electrical connections.
- Switch uses 32-bit identifier and data encryption to prevent interference with other devices.
- Single rocker and dual rockers are both included for configuration as 2-button or 4-button wireless switch.
- Buttons have dual functions: short press for ON/OFF, long press for dim up/down.
- Scene selector buttons can be programmed and configured during commissioning.
- Easy to install on top of a single gang wall box or surface mounted on a wall.
- Compatible with standard decorator faceplates.

## Dimensional drawing



# Specifications

## Communication

Wireless Communication Protocol	Zigbee PRO Green Power IEEE 802.15.4 WPAN
Carrier frequency	2.4 GHz

### Transmission distances (typical values)\*

Indoor (plasterboard)	10 m (33 ft); max. 3 walls
Indoor reinforced concrete	7 m (23 ft); max 1 wall/ceiling

## Physical

Dimensions (H x W x D)	114.3 x 69.8 x 15.7 mm (4.5 x 2.75 x 0.62 in)
Weight	0.118 kg (0.26 lb)
Housing	Polycarbonate
Color	White (similar to RAL9000)

\* Distance is largely influenced by the wall/ceiling material and the angle that the transmitted signal is intersecting with. Note: fire-safety walls, elevator shafts and so on are considered as shielding.

## Electrical

Power	Self-generated by button press
Agency Compliance	Class 2 low voltage

## Environment

Temperature (operating)	-10 to 45 °C (14 to 113 °F)
Relative humidity	5 to 95% RH (non-condensing)

## Compliances and approvals

EMC emission	FCC Part 15 - Subpart B ANSI C63.4-2014
EMC immunity	FCC Part 15 - Subpart B



## Ordering data

Type	MOQ	Ordering number			
UID8465/50 ZGP 4B Scene Sel Engraved	1	9124 0159 2572			

© 2023 Signify Holding. All rights reserved. Specifications are subject to change without notice. No representation or warranty as to the accuracy or completeness of the information included herein is given and any liability for any action in reliance thereon is disclaimed. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. All other trademarks are owned by Signify Holding or their respective owners.



[www.philips.com/lighting](http://www.philips.com/lighting)