Manuals+

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PHILIPS UID8470-10 Interact Ready Switches
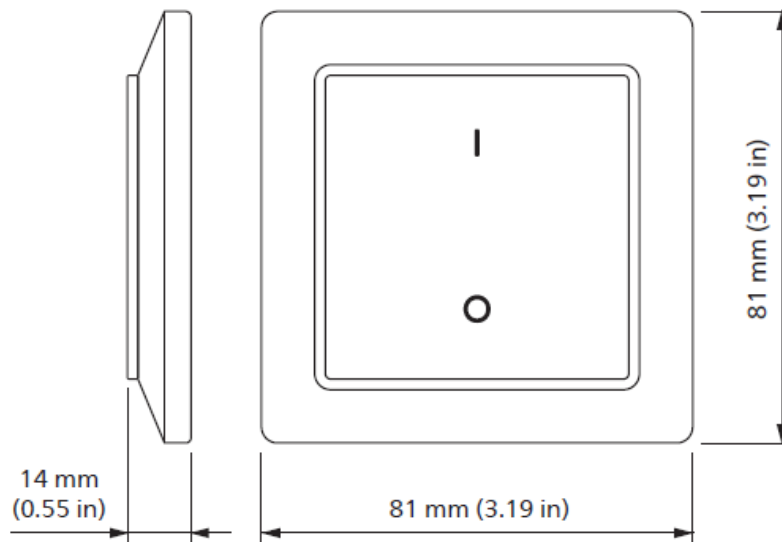

UID8470

Zigbee Green Power switch

- No wiring and power connections required so easy to install.
- Low mechanical force required to operate the device (typically less than 8 Newton).
- Indoor distance that can be covered is typically 10 m (33 ft) for line-of-sight installations. When there are walls this is reduced depending on the type and thickness of the walls.

UID8470

Features and benefits

- Provides switch and dim functionality.
- Wireless communication based on the ZigBee Pro standard (IEEE 802.15.4, WPAN). This switch is a self-powered switch that operates using the kinetic energy generated through its button press action and electrical power supply is not required.
- When a button is pressed, or released, a message is sent including a unique 32-bit identifier that prevents interference with other devices.
- Briefly pressing the upper or lower part of the device either switches the lights ON or OFF.
- A press and hold action engages the dim-up or dim-down function.
- The device is Interact-ready and can be easily linked to a wireless standalone or connected lighting system.
- The devices are easy to install and use. Additional information can be found in the appropriate installation instructions.

Dimensional drawing

Specifications

Communication

Wireless	Zigbee PRO Green Power IEEE 802.15.4 WPAN
Data rate	250 kbps
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) 81 x 81 x 14 mm (3.19 x 3.19 x 0.55 in)
- Weight 0.058 kg (2.05 oz)
- Housing Polycarbonate Color
- White (similar to RAL9000)
- Lifetime > 50 000 actuations

Environment

Temperature (operating)	−25 to +65 °C (−13 to +149 °F)
Relative humidity (operating)	0% to 95% (non-condensing)
Temperature (storage and transport)	−25 to +65 °C (−13 to +149 °F)
Relative humidity (storage and transport)	0% to 95% (non-condensing)

* 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 asshielding.

Compliances and approvals

- Protection rating IP20
- Electromagnetic compatibility (EMC)
- EN 61000-6-2:2005 EN 61000-6-4:2007+A1:2011
- Quality standard ISO9001
- Environmental standard
- ISO14001, CE2522
- Restriction of Hazardous Substances (RoHS) 2011/65/EU
- Annex 2015/863/EU Wireless
- Radio Equipment Directive
- RED 2014/53/EU
- Electronic compatibility and radio spectrum matters (ERM)
- EN 301489-1:V2.2.0 EN 301489-17:V3.2.0
- Wideband transmission systems
- ETSI EN 300 328: V1.8.1

CE UK CA RoHS ♦

Packing data

				Weight

Type	Dimensions	Qty	Material	net	gross
Single pack	205 x 95 x 95 mm (80.7 x 37.4 x 37.4 in)	10	Cardboard	0.58 kg (1.28 lb)	0.74 kg (1.63 lb)

Ordering data

Type	MOQ	Ordering number	EAN1	EAN2	EOC
UID8470/10 ZGP Switch Dim 2B	10	9137 010 5570 3	8719514 2 73771	8719514 2 73795	273771 00

www.philips.com/lighting

FAQ

- **Q: Can I use multiple Interact Ready switches with one lighting system?**

  A: Yes, you can pair multiple switches to control different zones or aspects of your lighting system.
- **Q: How do I reset the Interact Ready Switch Dim 2B?**

  A: Refer to the user manual for specific instructions on resetting the switch to factory settings.

Documents / Resources

	[PHILIPS UID8470-10 Interact Ready Switches](#) [[pdf](#)] Owner's Manual UID8470-10, ZGP Switch Dim 2B, UID8470-10 Interact Ready Switches, UID8470-10, Interact Ready Switches, Ready Switches, Switches

References

- [User Manual](#)

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🏷 Interact Ready Switches, Philips, Ready Switches, Switches, UID8470-10, UID8470-10 Interact Ready Switches, ZGP Switch Dim 2B

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