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SMART MADE SIMPLE

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Knightsbridge Technical

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LOOKING FORWARD

- From LED to Smart
- Knightsbridge Range
- How are they installed
- Commissioning
- Ease of control
- Internet of Things
- Security
- FAQs and Contact

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FROM LED TO SMART

With the transition from filament technology to LED almost complete within the domestic environment the next major change is with Smart technology.

According to TechUK's "state of the connected home" report in 2020:

- The industry's revenue was expected to reach **$91bn** (Worldwide) this year with an annual growth rate of **15% by 2024**

- The data shows that **two-thirds** of people now own **at least one** smart home product

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SMARTKNIGHT
VIDEO

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OUR RANGE

WORKS WITH alexa

works with Hey Google

RW6

WD12

CPL

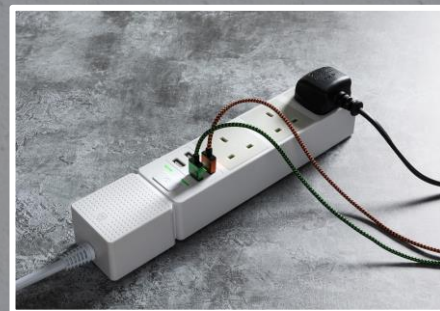LEDFWIFI

SMART
LIGHTING

WIRING

OP9KW

SN9KW / CU9KW

1GAKW

3GKW

SENSORS

OSMKW

OSEKW

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Over 1 in 5 installers are still uncomfortable about this
(Surveymonkey 2021)

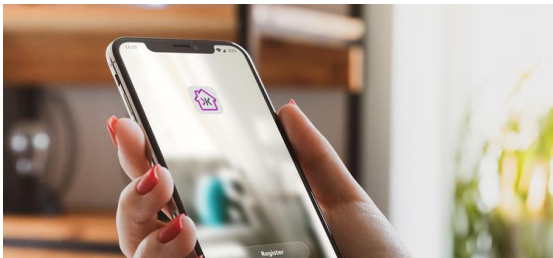Simple as any normal electrical products

The only difference will be on commissioning

Image: https://www.renovatorstore.com.au/blog/the-smart-way-to-install-led-downlights/

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COMMISSIONING

Our smart products can be controlled in 3 ways:

Via our SmartKnight App

With 3rd party home assistants such as Amazon Alexa or Google Assistant

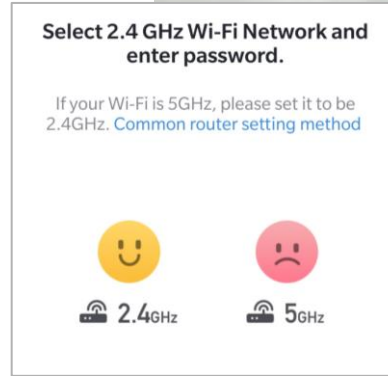Manually, via the switch, i.e. Wall switch for a downlight or rocker switch on the sockets

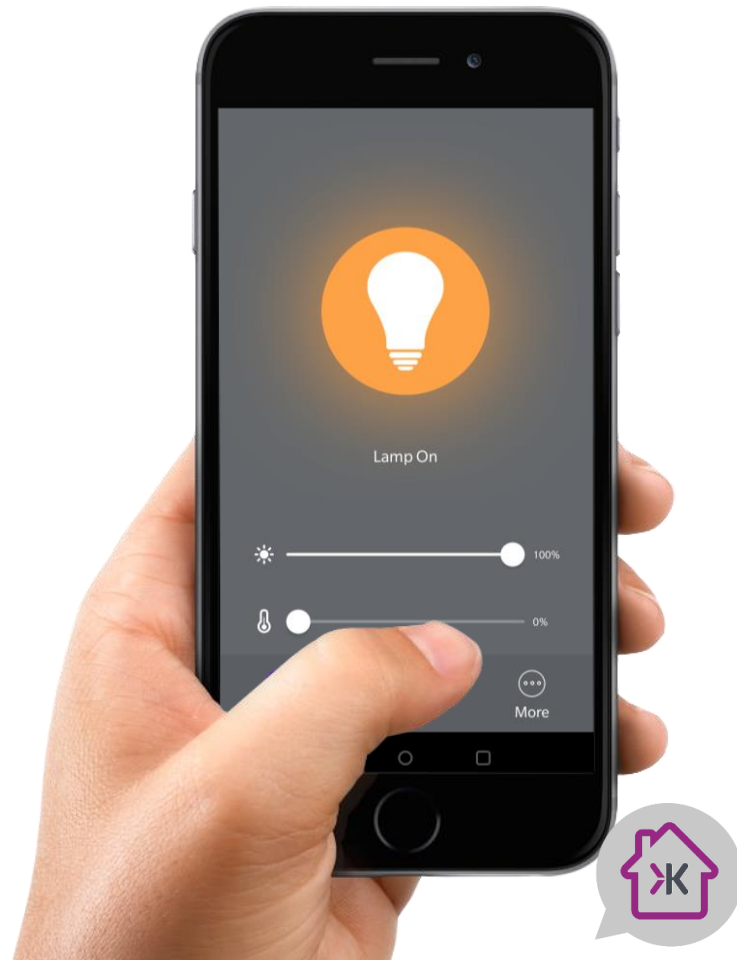Knightsbridge smart products work via Wi-Fi on the 2.4GHz bandwidth
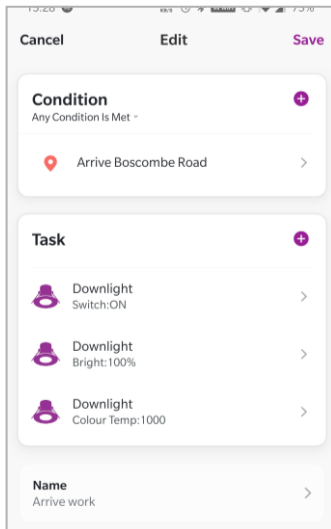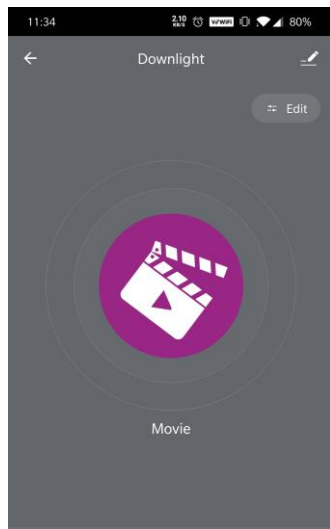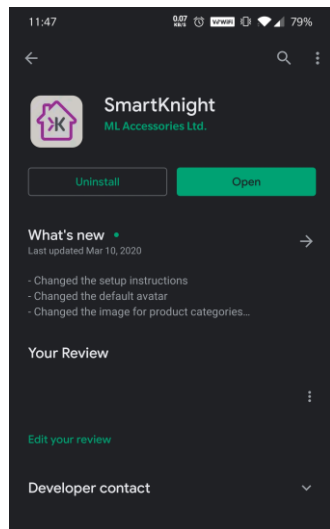
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COMMISSIONING

Most home routers will be 'dual-band', meaning they will use both a 2.4GHz and 5GHz signal.
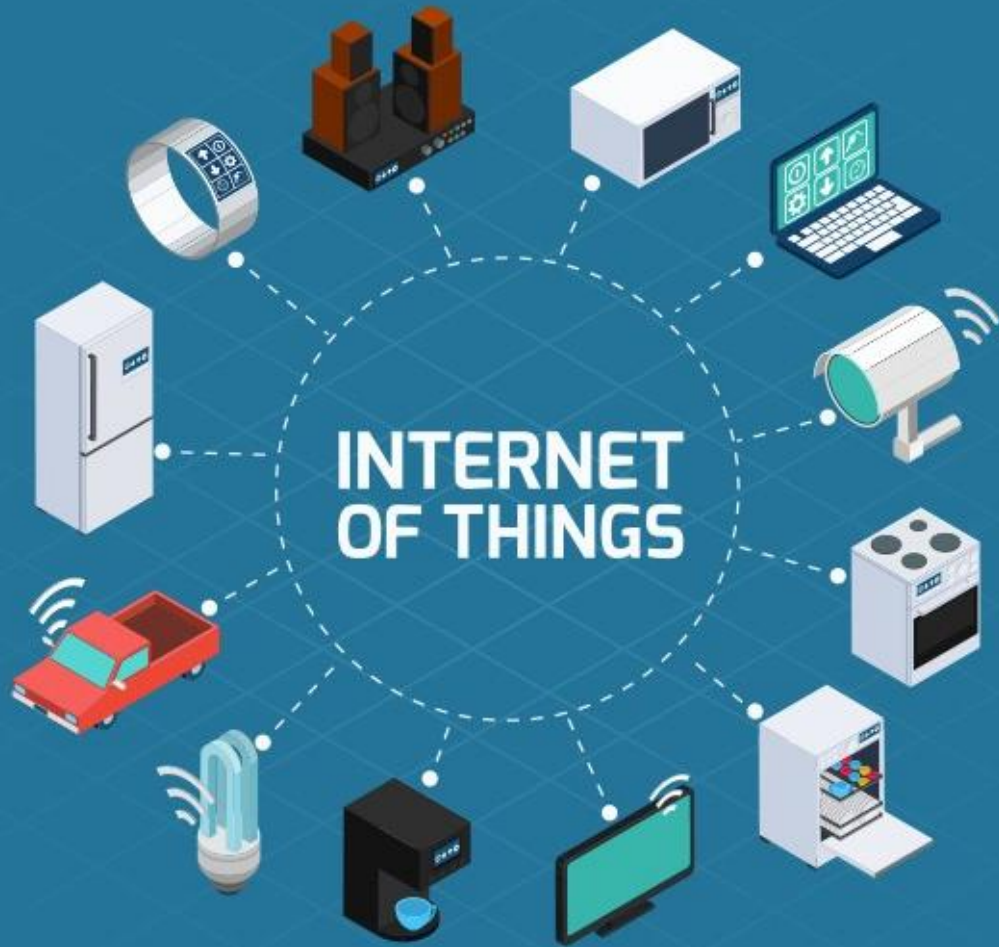
For smoother and faster pairing we recommend switching off the 5GHz temporarily during set up. Most internet providers have implemented a 5GHz disable option for their routers.

Select 2.4 GHz Wi-Fi Network and enter password.

If your Wi-Fi is 5GHz, please set it to be 2.4GHz. Common router setting method

2.4GHz

5GHz

Image: https://www.tomsguide.com/uk/us/best-wifi-routers,review-2498.html

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EASE OF CONTROL

In simple terms, the Internet of Things is the concept of having any device connected to another device via the internet. This could include TV's, Speakers, A/C units, Sockets and lighting.

These devices could share data by using in-built sensors via Wi-Fi or Bluetooth modules, without requiring human interaction (According to and depending on UK privacy regulations such as GDPR)

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SECURITY

The biggest concern when smart products are talked about is security, will adding this device compromise the network it is on and make it vulnerable?

The Knightsbridge range is safe and secure as it features multiple layers of protection...

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Encrypted communication channel (such as TLS, HTTPS and MQTT over TLS)

Encrypted communication content using AES-128 with a randomly generated key based on each device

Data Filtering (strict verification of all the entrances for integrity)

No default passwords

Minimisation of exposed attack surfaces by using a Web Application Firewall and a server log is used to monitor abnormal behaviour

The possibility to delete all personal data by deleting the account

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FAQ AND CONTACT

Within the SmartKnight App there is a section on FAQs for trouble shooting and should you be completely lost a 'contact us' ticket system which will let us know you have an issue you are unable to solve and we'll contact you

ANY QUESTIONS?