Wiring
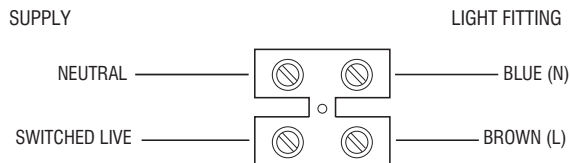
If not using the supplied plug then the product must be wired to a IP67 rated terminal block.

Having correctly identified the wiring from your existing light fitting, connect to the approved outdoor rated external terminal block in the following way:

SUPPLY   LIGHT FITTING

NEUTRAL ——————————— ◎ ◎ ——————— BLUE (N)

SWITCHED LIVE ——————— ◎ ◎ ——————— BROWN (L)

Check that...

You have to correctly identified the wires.
The connections are tight.
No loose strands have been left out of the connection block.

Technical data

Supply Voltage:	240 V∼, 50 Hz
Output:	12V DC 15W Max. Constant voltage
Bulb Type:	10 x 0.75 LED, RGB

CE   Conformity with all relevant EC Directive requirements.

▢   The power supply is Double Insulated and does not require connection to an Earth circuit.

🗑   Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

💧 IP67   This product is rated at IP67

Care and Cleaning

We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the finish.

To prolong the life and keep your outdoor lighting in good condition, it is recommended that periodically it is cleaned using a soft cloth followed by the application of a light coating of oil, such as WD40.

For your safety, always switch off the power supply before cleaning.

Do not clean the units with a pressure washer.

Safety information

Live Voltages may be present in the transformer even when turned off or when completely disconnected.

For your safety, always switch off the supply before maintaining the system.

The LED module of this luminaire is not replaceable, when the LED module reaches its end of life the whole luminaire shall be replaced

Instruction manual

SMART IKON

91961

Accessory
92019 10m cable

V2 16/03/2020
Saxby Lighting. BH17 7BY

saxby lighting

www.saxbylighting.com

saxby lighting

Thank you for purchasing this light fitting. Please read the instructions carefully before use to ensure safe and satisfactory operation of this product. Please retain these instructions for future reference.

Warning

▣ This power supply is double insulated and does not require connection to an Earth circuit.

The LED units are Safety Extra Low Voltage and must not be earthed.

Please read these instructions carefully before commencing any work.

This unit must be fitted by a competent and qualified electrician.

Check the pack and make sure you have all the parts listed.

Install in accordance with the IEE Wiring regulations and current Building Regulations.

This system operates at Safety Extra Low Voltage (12V), via an LED driver. Never connect the light fittings directly to the mains without using the supplied driver.

The mains plug must be situated indoors (e.g. house, garage, shed) in order to protect it from the elements.

Do not exceed the driver load. the supplied driver can operate up to a maximum of 20 LED heads.

Always disconnect the plug from the mains when installing or maintaining this system.

This system contains non-replaceable parts and cannot be serviced. If damage occurs the part should be scrapped.

The LED heads and driver are rated at IP67. They are suitable for installation in very wet areas, but must not be permanently submerged.

The driver must not be installed directly in the soil.

Rated maximum surface temperature is 80°C.

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

Layout

Plan the desired layout of these fittings carefully, ensuring the cables will reach the distances between the mains plug, the LED driver and each light fitting.

Avoid locating any cables in positions that would cause a hazard. Position cables and driver away from areas where they may be at risk from being cut, trapped or damaged.

The mains plug must be situated indoors. The kit can be wired into a IP67 external terminal block. This must be carried out by a competent and qualified electrician.

Avoid locating any cables in positions that would cause a trip hazard. Position cables and driver away.

The driver and LED head units are rated at IP67 and can be positioned outdoors.

These fittings should not installed/mounted in concrete and should only be mounted in vertical surfaces (only horizontally mounted).

Installation

Existing fittings must be completely removed before installation of a new product. Before removing the existing fitting, carefully note the position of each set of wires.

The Ikon Pro LED kit has been specifically designed for use in decking and combines some innovative features to make installation easier. 2x prewired looms each with 5 LED heads plus a 5m extension cable allow longer runs to be achieved. Wiring loom can be fitted into the deck during construction. Heads are interchangeable allowing different sizes and colours to be operated from one power source.

1. Position the plug next to the indoor mains outlet socket that the system will connect to. Do not plug-in at this stage.

2. After deciding the layout of the light fittings, ensure the cables are long enough to connect to the desired positions. The maximum distance between heads is 1.5m.

3. Drill the mounting holes for the light units taking care not to damage any pipes or mains cables beneath the mounting surface. Cutter hole size is 25mm, Minimum hole depth is 80mm. (A)

4. From underneath the decking, feed the head unit and cable up through each installation hole. (B)

5. Fit the protective cap onto the head unit-to prevent the unit from dropping back through the holes and to keep debris out. Once the decking has been fully assembled and the lights are ready to be installed, remove the protective cap and push the LED unit onto the head unit observing the correct polarity (align the flat part of the connector to ensure correct connection). (C)

6. Fit the assembled head units into the holes by pushing into the hole. The springs on the side of the head will secure the head units in place. (D)

7. Connect all looms together and connect directly to the driver output cable, or the extension cable.

8. Ensure any unused heads and cable ends are fitted with the end plug and protective cap to prevent the ingress of moisture.

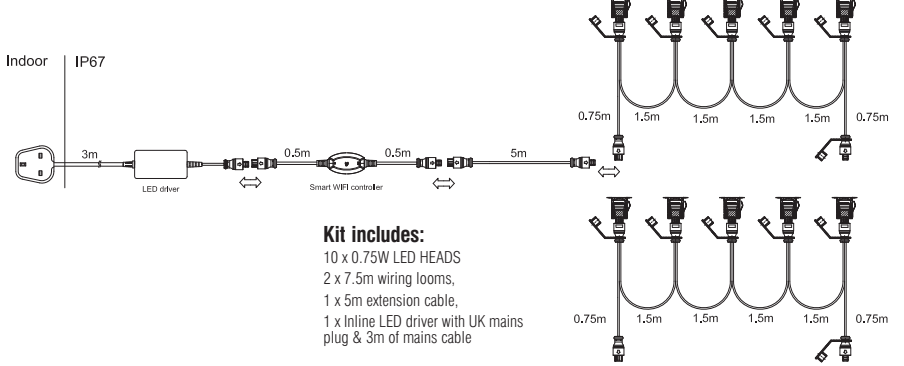9. Plug the mains plug into the socket and switch on to test.

This product is suitable for dimming with 'SaxbySmart' app, Google Home or Amazon Alexa. Please refer to the 'SaxbySmart' manual for specific operations.

We recommend putting the wifi receiver within 20-25 meters of your WI-FI Hub. This will vary depending on the strength of your WI-FI coverage.

We recommend testing the position before full installation.

A   B   C   D

Kit Layout Diagram

Indoor | IP67

3m   LED driver   0.5m   Smart WIFI controller   0.5m   5m

0.75m 1.5m 1.5m 1.5m 1.5m 0.75m

0.75m 1.5m 1.5m 1.5m 1.5m 0.75m

Kit includes:
10 x 0.75W LED HEADS
2 x 7.5m wiring looms,
1 x 5m extension cable,
1 x Inline LED driver with UK mains plug & 3m of mains cable

Create scenes
to suit your way of living or working

Educate or program your voice control device to suit you. Control multiple devices in a single room or building by creating scenes within the Saxby Smart app or through Amazon Alexa or Google Assistant.

Alexa, I'm working

Office lights come on, cool white & 80% brightness

Hey Google, movie time

Living room lights dim to 40% brightness

Lights dim as the mood changes for evening dinner

No HUB required
or complex installations

Saxby Smart fittings come fully equipped with a built in chip that connects to your Wi-Fi router. Simply download the Saxby Smart app to your smartphone, register and add your lighting devices. You're good to go - create a personalised lighting experience.

Install fitting

Register your account & add devices

Your Saxby Smart app is working

Hey Google, turn the lights off in the kid's bedroom

'Smart Life'

Connect to your Amazon Alexa or Google Assistant using 'Smart Life'

INTELLIGENT LIGHTING
saxbysmart

USER MANUAL

ENJOY YOUR SAXBY SMART LIGHT!

INTELLIGENT LIGHTING
saxbysmart

WORKS WITH
amazon alexa

works with the
Google Assistant

Adding a device

Download the 'Saxby Smart' app

- Please scan the QR code or search 'Saxby Smart' to download on your App Store or Google Play.

App Store   Google Play

Registration & log in

- Enter your email or mobile phone number to register.
- A verification code will be sent via email or text message, enter this when prompted.
- Set your password.

This Saxby Smart product will support 2.4G WIFI bands only

Connecting your devices

- Click 'Add device'.
- Turn you device on and leave for 10 seconds.
- Turn off and on repeatedly three times.
- Your light will start to blink, click 'Confirm light blink rapidly'.
- Enter your Wi-Fi details and click 'Confirm'.
- Rename your device and click 'Completed'.

Controlling your Saxby Smart fitting

- Click 'White mode' to adjust the colour temperature and brightness.
- Click 'Schedule' to set up a day to day planner for your lights.
- Click the triple dot icon at in the top right corner to create scenes.

Connecting to Amazon Alexa

- Open your Alexa app.
- Click Skills and Games.
- Search 'Smart Life' and click 'Enable to use'.
- Enter the same log in details used for your Saxby Smart app.
- Alexa will now discover and connect your devices.
- Your light is now set up. Try a voice command like 'Alexa, turn off the light'.

Connecting to Google Home

- Open your Google Home app.
- Click Home Control and the + button to add device.
- Search 'Smart Life'.
- Enter the same log in details used for your Saxby Smart app.
- Assign your light to a room.
- Your light is now set up. Try a voice command like 'Hey Google, turn off the light'.