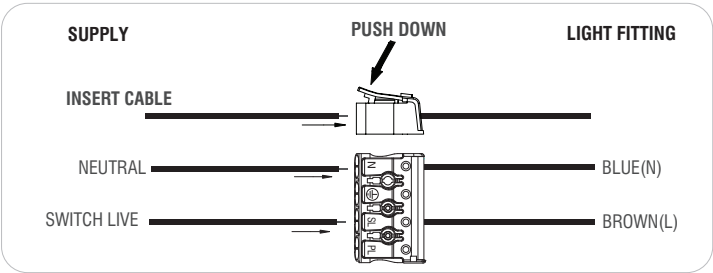


Wiring

Having correctly identified the wiring from your existing light fitting, Pull the mains wire through the hole and connect to the quick connection terminal in the following way.



Check that...

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

Technical data

Supply Voltage: 220-240 V~, 50 Hz

Bulb Type: 121021/121022 14/8W LED (SMD) CCT, 2700/3000/4000/6000K.  
121023/121024 24/20/16W LED (SMD) CCT, 2700/3000/4000/6000K.


This product contains a light source of energy efficiency class **D**.

  Non-replaceable light source


 Non-replaceable control gear


 Conformity with all relevant UKCA Directive requirements.

 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.

 This product is not suitable for dimming.

 This product is rated at IP65.

 This product is rated at IK10.

 Caution! Risk of electric shock!

Care and Safety

We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the finish. For your safety, always switch off the power supply before cleaning.

For further information, please visit <https://www.lighting-info.co.uk/121021>

V2 09/09/2025  
UK Manufacturer: BH17 7BY  
EU Manufacturer: Brilliant AG,  
Brilliantstrasse 1, D-27442 Gnarrenburg

saxby  
lighting

Instruction manual

# Forge

121021, 121022, 121023, 121024



[www.saxbylighting.com](http://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 light fitting is double insulated and does not require connection to an earth circuit.

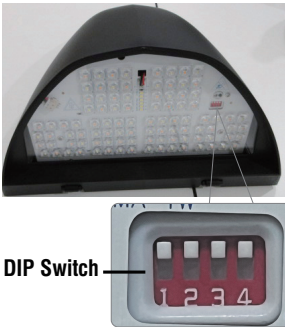
Please read these instructions carefully before commencing any work.  
This unit must be fitted by a competent and qualified electrician.  
Install in accordance with the IEE Wiring regulations and current Building Regulations.  
Check the pack and make sure you have all the parts listed.  
To prevent electrocution switch off at the mains supply before installing or maintaining this fitting. Ensure other persons cannot restore the electrical supply without your knowledge. If you are in any doubt, please consult a qualified electrician.  
This light fitting should be connected to a fused circuit.  
If replacing an existing fitting, make a careful note of the connections.  
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 this fitting carefully, ensuring the cables will reach the distance between the junction box and the light fitting.  
Avoid locating any cables in positions that would cause a hazard. Position cables and outdoor rated junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.  
We recommend that you use H05RN-F specification cable (not supplied) which is an outdoor grade, rubber sheathed cable.  
Decide on the position of the luminaire. Depending on the location, an approved outdoor rated plug and socket may be required.  
Alternatively an approved outdoor rated external terminal block may be used.  
The mains supply cable must have a minimum cross section area of 1.0mm².  
Cables must be protected using suitable conduit or trunking.  
This product must be mounted out of arms reach.

Photocell Function for 121022, 121024

- Complete with built in photocell.
- Fully adjustable 5 - 400Lux, choose your preferred Lux by DIP switch.
- \* **Note: Before you change the Lux, please turn off the power for safety.**



DIP Switch Setting

Daylight Threshold: On/Off function (natural light lux)

	1	2	3	4	open	close	Remark
I	ON	ON	ON	ON	5Lux	25Lux	
II	ON	ON	ON	-	10Lux	50Lux	
III	ON	ON	-	ON	25Lux	75Lux	
IV	ON	ON	-	-	50Lux	100Lux	
V	ON	-	ON	-	100Lux	200Lux	
VI	ON	-	-	-	150Lux	300Lux	
VII	-	ON	-	-	200Lux	400Lux	
VIII	-	-	-	-	Disable		

Factory Setting

Open: 5Lux    Close: 25Lux

Application Notice

Working mode: before power on, dial the DIP at any position between I - VII, when the light reaches the set value, the light control switch will response after 8S delay.

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.  
Note that the power needs to be isolated/switched off at the fuse board.  
Ensure that the screws and cable entry points are sealed to maintain the IP rating of the product.  
After deciding the layout of the light fittings ensure that the cables are long enough to connect to desired positions.

- Removed the screw to open the front shell of the product and set the screw aside for refitting later.
- Using the back plate of product as a template mark the position to drill out the fixing holes and insert the expansion tubes into the holes. Take care to avoid damaging any concealed wiring and pipes.
- Decide the cable entry hole to drill out and removed the screws to open the cover of terminal block. Then pull the power lead through entry hole.
- Choose your preferred wattage and colour by wattage switch or CCT switch.
- Fixed the lamp to the wall with screws.
- Wire as detailed wiring diagram.
- Close the cover of terminal block then tighten it with the screw.
- Close the front shell then tighten it with the screw.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.

