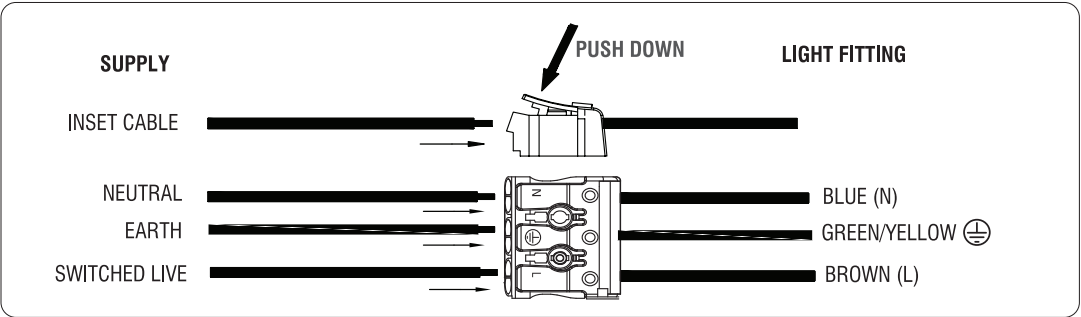


Wiring

Having correctly identified the wiring from your existing light fitting, pull the mains wire through the hole and connect to the quick terminal block 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.

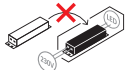
Technical data

Supply Voltage: 220-240V~, 50Hz

Bulb Type: 20W LED (SMD) CCT, 3000K/4000K/6000K

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

 Non-replaceable light source

 Non-replaceable control gear

UK CA Conformity with all relevant UKCA Directive requirements.

CE Conformity with all relevant EC Directive requirements.

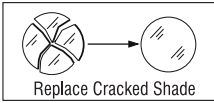
 This is a Class 1 product and must be earthed.

 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 rated at IP65.

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.



Replace Cracked Shade

This light source is protected by a shade. This part must be replaced immediately should the shade become cracked or damaged. This fitting must not be used without the shade in place.

For further information, please visit <https://www.lighting-info.co.uk/92310>

V4 24/08/2026
UK Manufacturer: BH17 7BY
EU Manufacturer: Brilliant AG,
Brilliantstrasse 1, D-27442 Gnarrenburg



Instruction manual

Dax CCT

92310, 123686, 123687



92310 Bollard



123686 Bollard
PIR/Photocell



123686 Post

www.saxbylighting.com



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

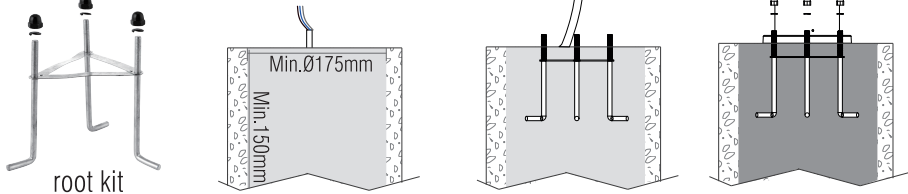
This is a Class 1 product and must be earthed.
Please read these instructions carefully before commencing any work.
This unit must be fitted by a competent and qualified electrician.
Install in accordance with the IET Wiring regulations and current Building Regulations.
Check the pack and make sure you 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.
This product is not suitable for location in or near a marine environment.
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.

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 switch is turned off before installation.

This product must be mounted onto a concrete base or paving slab. It should be not directly installed in the soil.

- Prepare the hole for the root kit. The foundation should be a minimum of 175mm diameter with a minimum depth 150mm.
- Pour cement into the hole, ensuring the cement is finished level and smooth.
- Ensure a suitable amount of supply cable is exposed so the fitting can be correctly wired after the foundation has been prepared. Gel box is suggested to seal the wires. Insert the anchor bolts into the wet cement ensure the top plate is resting level on top of cement with the threads exposed.
- Wire as detailed wiring.
- Locate the base of the bollard over the anchor bolts and secure in place using the supplied spring washers.
- Ensure that the cable is not snagged.
- Replace fuse or circuit breaker and switch on. Your light ready now for use.

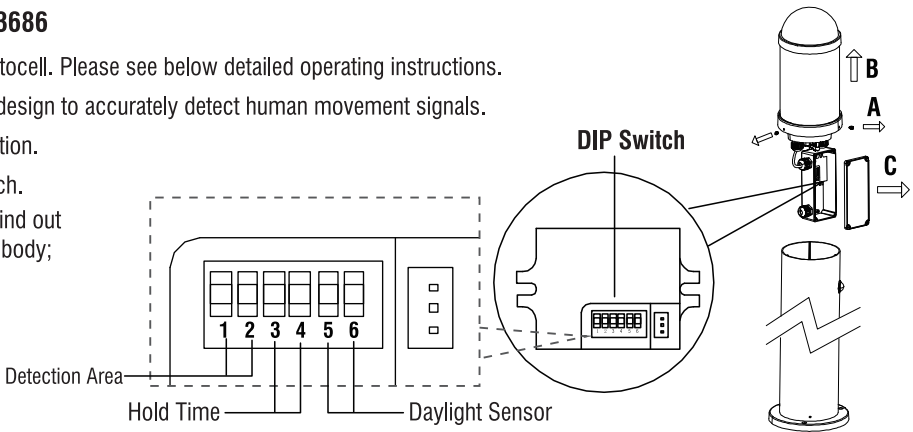


PIR & Photocell sensor adjustment for 123686

This product is completed with built in PIR & Photocell. Please see below detailed operating instructions.

- The PIR sensor features a self-developed lens design to accurately detect human movement signals.
- Equipped with daylight threshold and D2D function.
- All settings can be adjusted using the DIP Switch.
 - a) Before installing, need unscrew 3 screws to find out the DIP switch in a black box inside the lamp body;
 - b) Remove the screws to open the box;
 - c) Slip the DIP Switch for adjustment.

Note: Before adjusting the PIR & Photocell sensor parameters every time, please turn off the power switch for safety.



Layout

Plan the desired layout of these fittings carefully, ensuring the cables will reach the distances between connector and the light fitting.
Avoid locating any cables in positions that would cause a hazard. Position cables and junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.
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 has special protection against the ingress of moisture and is IP65 rated.

Parameter

Detection Way	PIR
Detection Area	100% / 75% / 50% / 25%
Hold Time	5s / 30s / 3min / 10min
Daylight Sensor	5Lux / 15Lux / 50Lux / Disable (Diffusion)

DIP Switch

Function	Detection Area			Hold Time			Daylight Sensor			
	DIP switch number	1	2	3	4		5	6	Daylight Threshold	D2D
I	ON	ON	100%	ON	ON	5s	ON	ON	Disable	Disable
II	-	ON	75%	-	ON	30s	-	ON	5Lux	5Lux +25 ~100Lux
III	ON	-	50%	ON	-	3min	ON	-	15Lux	15Lux +50 ~150Lux
IV	-	-	25%	-	-	10min	-	-	50Lux	50Lux +50 ~150Lux

*When set to the Disable position, the sensor will turn the light on upon detecting motion signal, regardless of the ambient light level.
*The Daylight sensor threshold is a typical value under sunny conditions, with no shadows and under ambient light diffuse reflection.

Initialization

The light will be turned on 100% brightness after power on, and will be turned off after preheat 45 seconds. During initialization, no external motion sensing signal will be detected.

Default Setting

Detection Area: 100% (Max. 6m)
Hold Time: 3min
Daylight Sensor: 15Lux

Application Notice

- The sensor should be installed by a professional electrician. Please turn off the power before installing, wiring and changing parameters.
- PIR sensor can't penetrate any materials, please make sure no obstacle between sensor and moving people/object.
- Sensor may hard to detect people if wear thick clothes in cold winter.
- Heat signals will be regarded as moving signals to trigger the sensor. Avoid facing sensor to air condition or other heating source.
- Outdoor sunlight could affect the detection of sensor.
- The daylight threshold is measured in a sunny environment without shadow and ambient light diffuse reflection. Ambient lux level could be different in different environment, weather, climate, time-of-day and season.
- Detection distance is related to height of people, mounting height, mounting angle, working environment temperature and etc. When ambient temperature approaches the human body temperature range (36°C~37°C/96.8~98.6°F), PIR motion detection will significantly weaken or non-responsive. When ambient temperature or LED tray temperature is higher than 55°C/131°F, false triggering may happen, please try to reduce detecting sensitivity to improve. If stays false triggering, the PIR sensor is not suitable to be used in the space.

The PIR sensor has a **manual override** function which can be operated by taking the following steps:

When first switched on, the PIR sensor will go into "warm up" self test:

- If there is no action, the PIR sensor "warm up" self test for approx 45 seconds and then go into **AUTO mode**;
- If switch the power OFF and ON twice within 3 seconds (OFF-ON-OFF-ON), the PIR sensor will switch to **MANUAL mode**;
- If switch the power OFF and ON four times within 3 seconds (OFF-ON-OFF-ON-OFF-ON-OFF-ON), the PIR sensor will switch to **PHOTOCELL mode**.

In AUTO mode, the light is with PIR function:

- If switch the power OFF and ON twice within 3 seconds (OFF-ON-OFF-ON), the PIR sensor will switch to **MANUAL mode**;
- If switch the power OFF and ON four times within 3 seconds (OFF-ON-OFF-ON-OFF-ON-OFF-ON), the PIR sensor will switch to **PHOTOCELL mode**.
- If swich the power OFF more than 10 seconds the PIR seansor will return to **'warm up'** self test process.

In MANUAL mode, the light will remain ON permanently, without the PIR or Photocell functions:

- If switch the power OFF more than 10 seconds, the PIR sensor will return to **'warm up'** self test process.

In PHOTOCELL mode, The light will enter the photocell control mode;

Adjusting the DIP Switch can control the environmental LUX level at which the light operates.

The LUX rang is 5Lux / 15Lux / 50Lux / Disable. When LUX is MAX, the light will stay on.

- If switch the power OFF more than 10 seconds, the PIR sensor will return to **'warm up'** self test process.

