Installation Instructions: Skyline Omni PIR 72034

Date	Revision
18.5.26	6

Read these instructions before installation and retain for future reference. This equipment should be installed by a competent electrician

Important Information

We recommend that luminaires are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control.

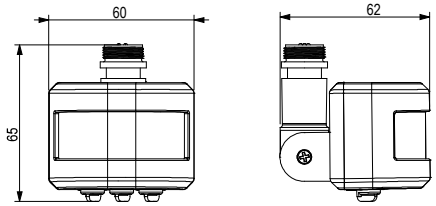
- BELL Lighting will not accept responsibility for any claims arising from poor installation.

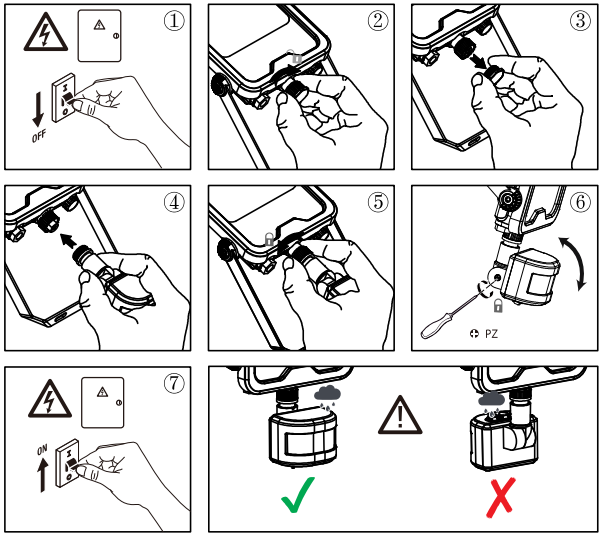
Important User Advice

- The operating temperature should be between -20 and 35°C.
- Ensure that there is adequate free air ventilation around the fitting.
- Always switch off mains supply before installing.
- Mount to a stable, secure surface that is rated for the weight of the luminaire.
- Ensure all earth connections are secure, and the floodlight is effectively grounded.
- Not suitable for ATEX hazardous zones (explosive atmospheres).
- To ensure optimum performance, keep the front diffuser clean. Wipe with a soft, damp lint free cloth. Do not use soaps, detergents, solvents or abrasive materials.
- Not intended for use by children.

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery.
Where possible recycle your packaging.

Infrared motion sensor





SPECIFICATION:

Power Source: 5V DC Detection Range:150°Working Temperature: ± 20°(<24℃)
-20 to +35℃

Ambient Light: <10-2000LUX (adjustable)
Working Humidity: <93%RH

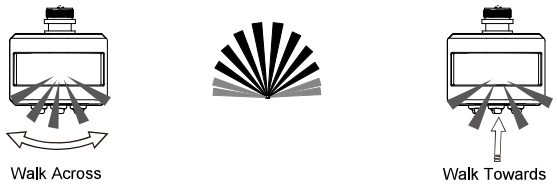
Time-Delay: min: 10sec±3sec
max: 12min±3min
Installation Height: 1.8m~2.5m
Power Consumption: < 0.5W (static)

IK Class: IK05
Detection Motion Speed: 0.6~1.5m/s

Detection Distance: 2-12m (<24℃) (adjustable)

Function:

- **LUX** can identify day and night: The consumer can adjust work ambient light. It can work in the daytime and at night when it is adjusted on the "sun" position (max). It can work in the ambient light less than 10LUX when it is adjusted on the "moon" position (min).
- **SENS** adjustable: It can be adjusted low sensitivity with 2m for detection distance; high sensitivity with 12m.
- **TIME** Time-delay is added continually: When it receives second induction signal after first induction, it will restart the on time. The minimum time delay time is 10sec±3sec. The maximum is 12mins±3min



British Electric Lamps Ltd
BELL House, Foxbridge Way, Normanton Industrial Estate
Normanton, West Yorkshire. WF6 1TN

BELL Ireland
Marina House, Clarence Street, Dun Laoghaire
County Dublin, Ireland, A96 AX76

T: +44 (0)1924 893380 **F**: +44 (0)1924 894320 **E**: sales@belllighting.co.uk
www.**belllighting**.co.uk

Technical Helpline +44 (0)1924 893380
Technical@**belllighting**.co.uk

Installation Instructions: Skyline Omni PIR 72034

Date	Revision
18.5.26	6

Read these instructions before installation and retain for future reference. This equipment should be installed by a competent electrician

Important Information

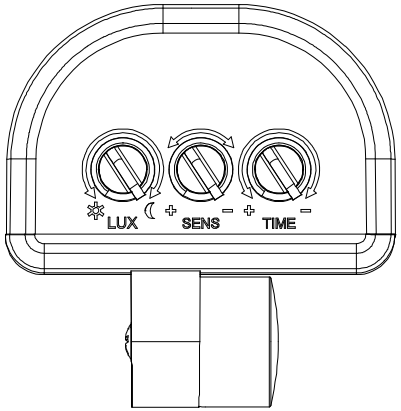
We recommend that luminaires are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control.

- BELL Lighting will not accept responsibility for any claims arising from poor installation.

Important User Advice

- The operating temperature should be between -20 and 35°C.
- Ensure that there is adequate free air ventilation around the fitting.
- Always switch off mains supply before installing.
- Mount to a stable, secure surface that is rated for the weight of the luminaire.
- Ensure all earth connections are secure, and the floodlight is effectively grounded.
- Not suitable for ATEX hazardous zones (explosive atmospheres).
- To ensure optimum performance, keep the front diffuser clean. Wipe with a soft, damp lint free cloth. Do not use soaps, detergents, solvents or abrasive materials.
- Not intended for use by children.

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery.
Where possible recycle your packaging.



Test:

- Turn the SENS knob anti-clockwise on the maximum, turn the TIME knob clockwise on the minimum, turn the LUX knob anti-clockwise on the maximum (sun)
- When you switch on power, the sensor will take around 30 seconds to initialise, in which then it will not sense movement. Once movement is sensed, the flood light will be turned on
- Turn LUX knob clockwise on the minimum when set to 10LUX, the sensor will not activate in daylight. If you cover the detection window with an opaque object (towel etc), the sensor will work

Manual Override Function:

- How to activate override mode: When the sensor is in automatic sensor mode and the light is ON, turn OFF-ON-OFF-ON the wall switch within 3 seconds, and the sensor will be in override mode - the light will illuminate continuously
- How to return to automatic sensor mode: Switch off the wall switch, wait 10 seconds and then switch it back on, then the sensor will be back in automatic sensor mode.

Note: When testing in daylight, please turn LUX knob anti-clockwise to the sun position, otherwise the sensor will not work!

Note:
- Should be installed by electrician or experienced person
- There should be no hindrance and moving objects in front of the detection windows to effect detection
- Avoid installing it near air temperature zones such as air conditioning, central heating, etc
- Considering your safety, please do not open the cover after installation

Problems and resolutions:
- The load do not work:
  a. Please check if the connection-wiring of power and load is correct
  b. Please check if the load is good
  c. Please check if the working light set correspond to ambient light
- The sensitivity is poor:
  a. Please check if there has hinder in front of the detection window to effect to receive the signal
  b. Please check if the ambient temperature is too high
  c. Please check if the induction signal source is in the detection fields
  d. Please check if the installation height corresponds to the height showed in the instruction
  e. Please check if the moving orientation is correct
- The sensor can not shut off the load automatically:
  a. Please check if there is continual signal in the detection field
  b. Please check if the time delay is the longest
  c. Please check if the power corresponds to the instruction
  d. Please check if the temperature nea the sensor changes obviously, such as air conditioning or central heating etc

British Electric Lamps Ltd
BELL House, Foxbridge Way, Normanton Industrial Estate
Normanton, West Yorkshire. WF6 1TN

BELL Ireland
Marina House, Clarence Street, Dun Laoghaire
County Dublin, Ireland, A96 AX76

T: +44 (0)1924 893380 **F**: +44 (0)1924 894320 **E**: sales@belllighting.co.uk

Technical Helpline +44 (0)1924 893380
Technical@**belllighting**.co.uk

www.**belllighting**.co.uk