Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: Source

Supplier's address: SGD Limited, Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath. A84 YP58. Ireland.

Model identifier: SBHOV BL PIR

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	BULKHEAD		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 400 in Wide cone (120°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	4 000
On-mode power (P_{on}), expressed in W	20,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, light-	Height: 270 Width: 145 Depth: 81	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page

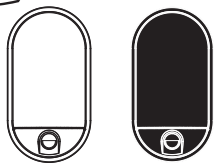
ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,380 0,380
Parameters for LED and OLED light sources:				
R9 colour rendering index value		6	Survival factor	1,00
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,70	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		-[b]	If yes then replacement claim (W)	-
Flicker metric (Pst LM)		0,0	Stroboscopic effect metric (SVM)	0,4

[a] '-' : not applicable;

[b] '-' : not applicable;

Installation Manual
Product Code: SBHOV PIR

IP65



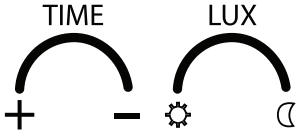
Installation Steps
There are mounting holes on the back of the light.
Hold the back of the light against the installation location.
Use a pen or other tool, to make a mark on the wall which is used to mark the position of the screw
Drill.
Mount the back of the light and screws.
Adjust the screws on the clamp. Adjust the light to the appropriate illumination angle.
There are three wires on the lamp bottom. AC power input is the point AC mains input. Connect it to the AC mains. This wire is 2-wire. Blue wire is null line “N”, Brown line is power line “L”.

Caution
Important: Do not touch the light in use or just after use as it will be hot. Let the light cool down before touching.

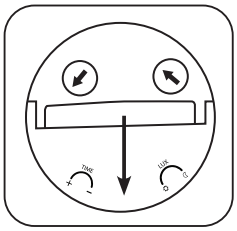
- Do not cover with paper or cloth.
- Keep away from flammable materials.
- Please ensure that the light socket is mounted.
- The fitting must be grounded.
- The LED module of the light cannot be replaced.
- The external flexible cable of the light cannot be replaced. If it is damaged, the fitting must be discarded.
- Do not use the light where the ambient temperature is over 45ºC. (Recommended ambient temperature is about -25ºC~+45ºC)
- Do not stare directly at the lamp, the light could cause damage.
- The lamp is non dimmable
- After connection, the wires where were connected must be completely sealed by insulation tape. This is to avoid water leading into the fixture.
- After long usage, it’s normal for a little water fog to appear inside the glass cover during wet weather.
- Use the waterproof connector for the input cable of the lamp and the connected electric supply or the vapour may be inhaled inside the lamp along the input cable caused by the pressure difference inside and outside of the lamp when it is on.

PIR Setting
The PIR Sensor can be aimed to cover the desired detection area, and has a maximum range of up to 10 Meters over a 100° degree area. PIR Settings allow the following adjustments

- Time ON = from 10 seconds (+/- 5 seconds) to 10 minutes (+/- 2 minutes), turn the control clockwise to increase duration the floodlight will illuminate for when movement is detected
- Ambient Light = 2 Lux to 2000Lux, ambient light controls when the PIR will detect movement, 2000Lux will operate in most light levels. Turn Anti-Clockwise to increase level of ambient light for when the PIR will detect movement

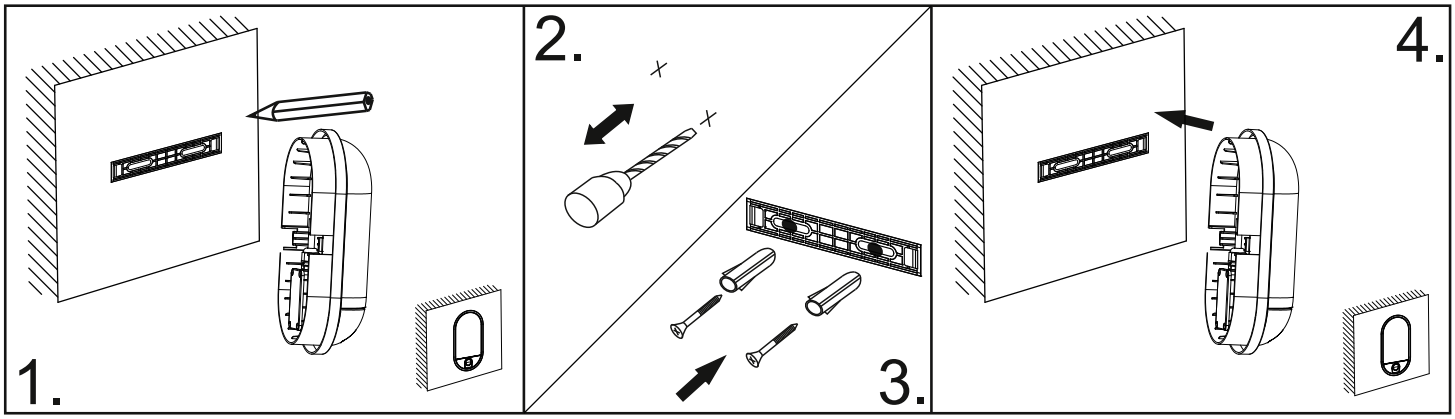


Once the PIR has been initially set, check all fixings and electrical connections and when safe, reinstate the power
Note - During the first 48 hours of operation, the PIR may cause the LED floodlight to operate as it self adjusts to the ambient light level of the installation



Pull PIR lid down for access to the TIME and LUX dials

Mounting Illustration



PIR Function

a. PIR sensor is dormant when ambient illuminance is higher than setting value.
b. Once ambient illuminance lower than setting value, PIR sensor becomes active.
c. When moving heat source detected by PIR sensor, fixture will turn on for a while
d. (depends on time delay setting value)
e. Detection range should be within the distance mentioned in specification.
f. Please note:
Signal should be detected in front of the sensor in a 100°angle
Moving heat source will be triggered easier than standing.
Moving direction as Fig 1 will be triggered easier than Fig 2.

Fig1

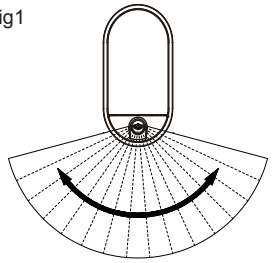
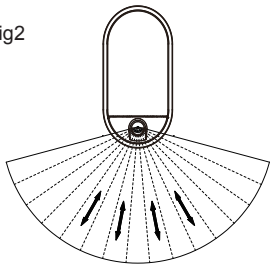
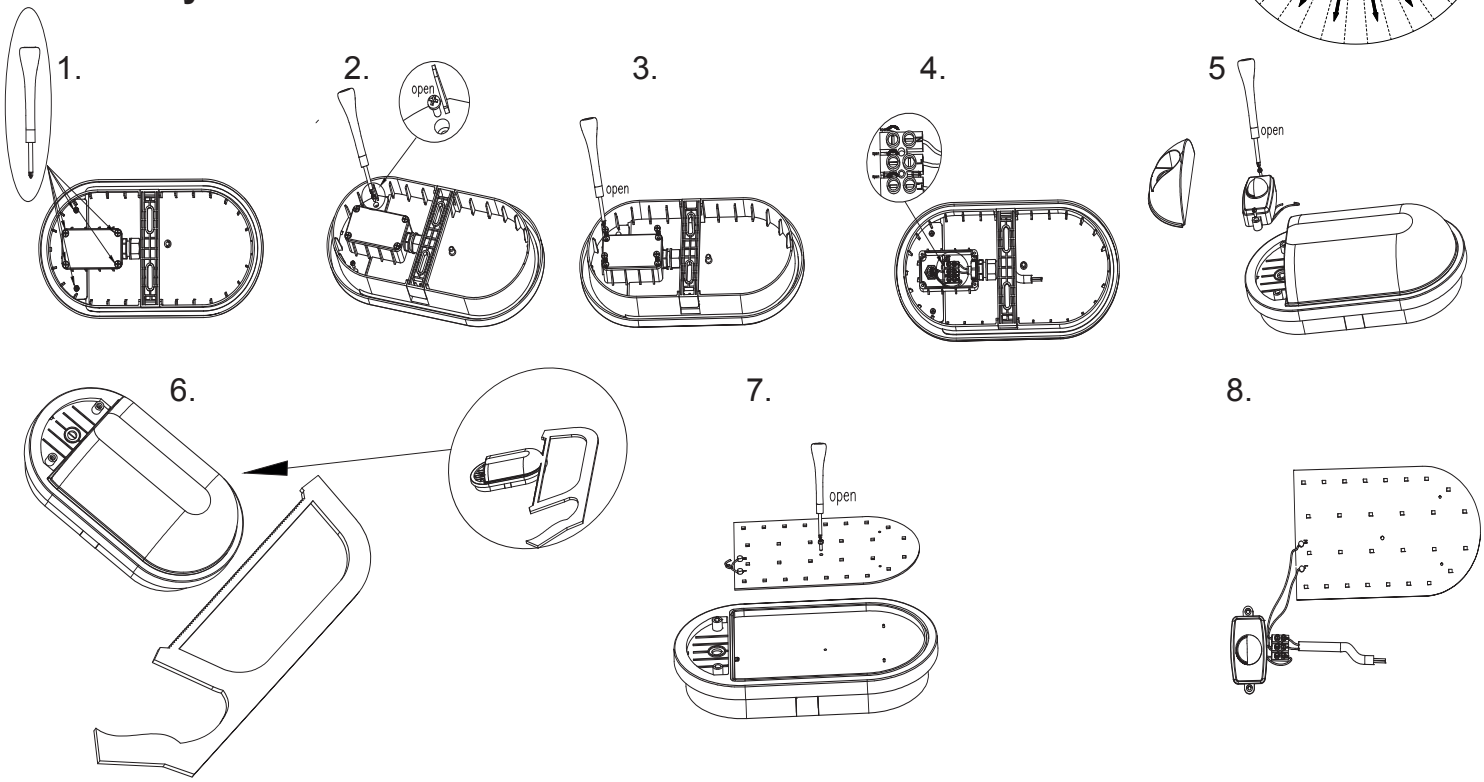


Fig2



Disassembly Instructions:



Product end of life instruction.
This Lighting product is in the scope of EU 2019/2020 directive on Waste Electrical and Electronic Equipment (WEEE). This product must be disposed according to the legislation. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product. Please follow pictured diagram on the back of this manual showing how to dismantle the product into different components which should be disposed correctly. These components would consist of plastic, metal and electronic materials. It is the responsibility of the end user to dispose of this product correctly. www.weeeireland.ie or contact your local council for further information.

Solas Geal Distribution

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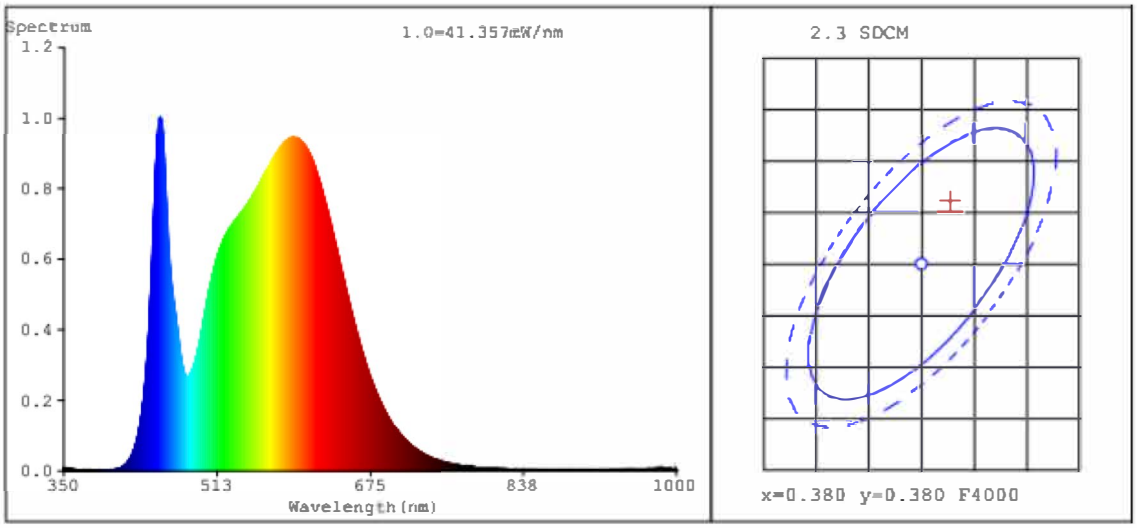
Website: **www.sgd.ie**

IP65 ErP COMPLIANT CE UKCA RoHS COMPLIANT

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3828 y=0.3861/u'=0.2230 v'=0.5060

Tc=4005K(Duv=0.0036) Dominant WL:Ld =577.3nm Purity=30.8%

Ratio:R=19.5% G=77.3% B=3.1% Peak WL:Lp=451.5nm FWHM=22.5nm

Render Index:Ra=82.7

R1 =81	R2 =88	R3 =95	R4 =82	R5 =80	R6 =84	R7 =87	
R8 =65	R9 =8	R10=72	R11=81	R12=59	R13=82	R14=97	R15=74

Photo Parameters:

Flux = 2294 lm Eff. : 120.10 lm/W Fe = 6.897 W

Electrical parameters:

V = 230.1 V I = 0.1570 A P = 19.10 W PF = 0.5280

EU DECLARATION OF CONFORMITY

Manufacturers Name: Solas Geal Distribution
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

Declaration Number:
070-SBHOV-BL-PIR,070-SBHOV-WH-PIR

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Products:
LED PIR Bulkhead 20watt 1400LM 4000k IP65

Model Number:
SBHOV-BL-PIR, SBHOV-WH-PIR

The product/model of the declaration described above is in conformity with the relevant Community harmonisation legislation:

Low Voltage Directive (2014/35/EU)
EMC (2014/30/EU)
RoHs 2011/65/EU

The product/model of the declaration described above is in conformity with the standards and technical specifications listed below:

EN55015:2019/A11:2020, EN61547:2009, EN61000-3-2:2019, EN61000-3-3:2013/A1:2019, EN60598-1:2015/A1:2018, EN60598-2-1:2021, EN62493:2015

Signed: Solas Geal Distribution Limited

Date: Signed 21/10/2022

Place of Issue: Republic of Ireland