

# 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:** EBRI WH

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	MODULE		
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
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### General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	195 in Sphere (360°)	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	3 000
On-mode power ( $P_{on}$ ), expressed in W	2	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	-
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	Height	Spectral power distribution in the	See image in last page
	Width		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	61	range 250 nm to 800 nm, at full-load	
Claim of equivalent power <sup>(a)</sup>		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,434 0,403
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value		2	Survival factor	0,90
the lumen maintenance factor		0,95		
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )		0,50	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)		1,0	Stroboscopic effect metric (SVM)	0,4

(a)-: not applicable;

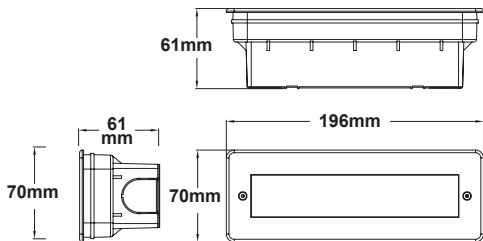
(b)-: not applicable;



# Installation Instructions

## LED Colour Choice Deck Light

### PRODUCT CODE: E-BRI-WH/BE



**Please read instructions carefully.**

**This product should only be installed by a qualified electrician**

**Please retain these instructions for future reference.**

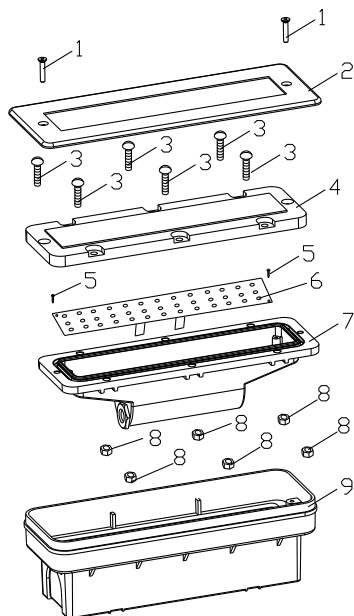
### SPECIFICATIONS

- Stainless Steel Cover. Plastic Base. Waterproof, Dust Proof, Energy Saving.
- Can be used in: interior decoration, outdoor corridors warehouse and garden
- Ingress Protection: IP68

Item	Rated voltage/V	Rated power/W	Ingress Protection	LED numbers	Protection
E-BRI-WH	240V 50Hz	3.2W	IP68	39LEDS	CLASS:II
E-BRI-BE	240V 50Hz	3.2W	IP68	39LEDS	CLASS:II

### INSTALLATION

- Fix plastic housing (9) on the installation surface as per housing dimension.
- Loose cover screw 1, then take out PCB (6).
- Put cable through thread hole of body (7) to connect block of PCB (6)
- Fasten the connect block.
- Put PCB (6) into body (7) and screw it (5).
- Make sure lamp cover (4) is sealed, then fasten screw (3) and nut (8) on the body (7), Fix gland of body (7).
- Put ST cover (2), fasten screw (1) and finally turn on the power.



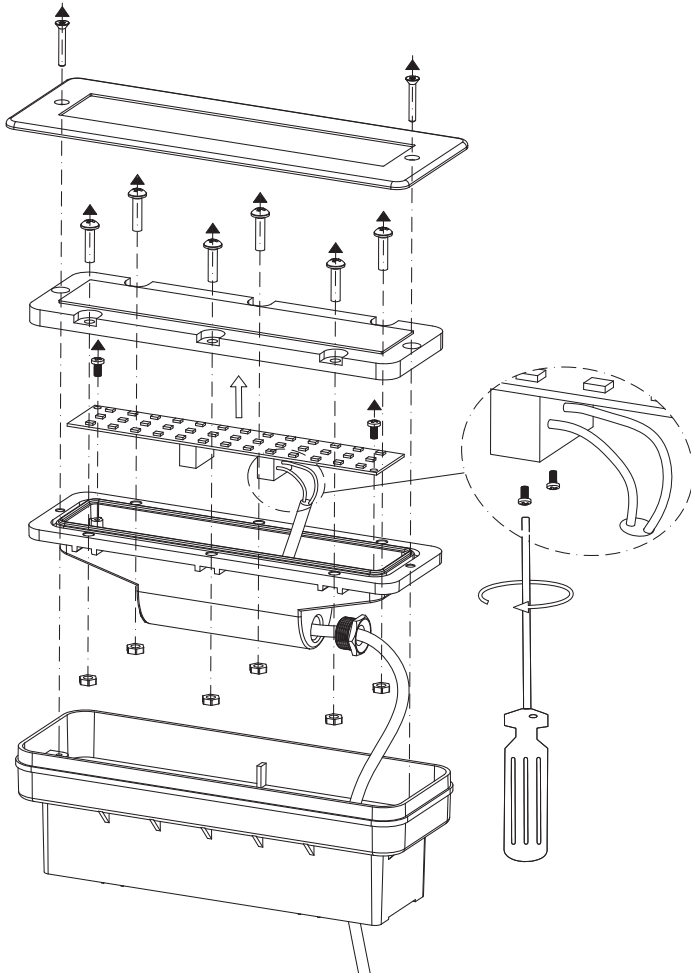
### WARNING

1. This product should only be installed by a qualified electrician
2. Please do not use if there is damage to the housing and glass.

## 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.weeireland.ie](http://www.weeireland.ie) or contact your local council for further information.

## Disassembly Diagram



**For more information contact:** Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58, **Phone:** 00353 1 835 7447



Solas Geal Distribution

Unit 32 Junction One Business Park, Valley Road, Birkenhead, Merseyside, UK, CH41 7ED,

**UK Ph:** 0330 551 7000

**Website:** [www.sgd.ie](http://www.sgd.ie)

# Spectrum Test Report

Sample : EBRI WH  
Sample No. : 45  
Manufacturer : SGD Ltd.

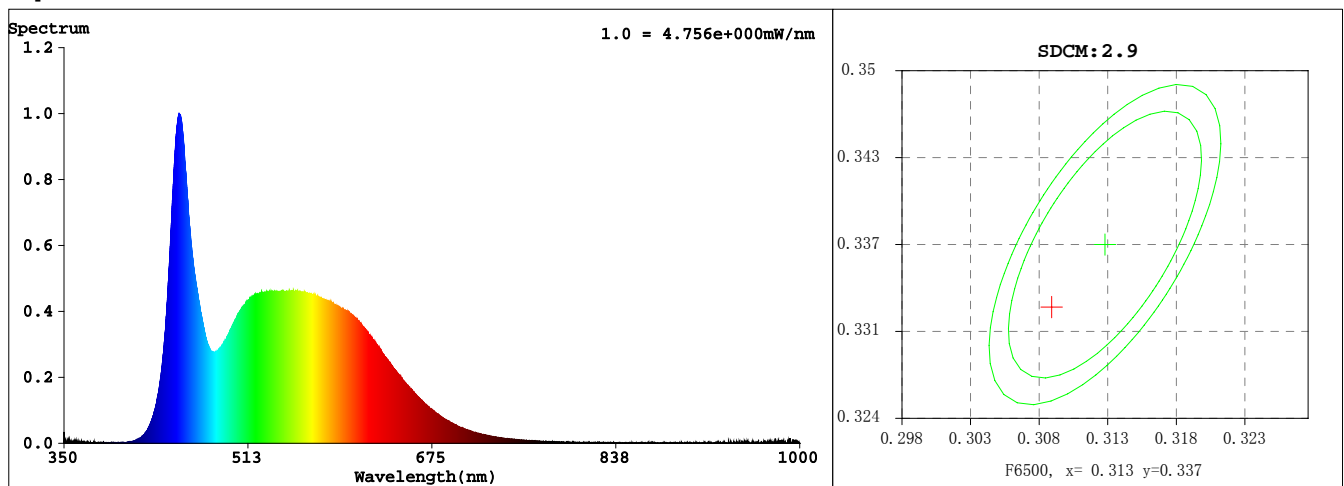
Date : 2021-06-11 11:21:51  
Sam. Status :  
Instrument : HAAS-2000

## Test Condition

Temperature : 25.0Deg  
WL Range : 350nm-1000nm  
Test Mode : Fast Test

RH : 65.0%  
IP : 53074 (81%)  
T : 2881 ms  
Sensitivity : High

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3091$   $y = 0.3324$  /  $u' = 0.1941$   $v' = 0.4696$  ( $duv=6.75e-03$ )

CCT= 6661K Prcp WL:  $L_d=491.2nm$  Purity=8.2%

Peak WL:  $L_p=452nm$  FWHM:  $\approx 23.7nm$  Ratio:R=13.4% G=80.5% B=6.1%

Render Index:  $R_a = 85.2$

R1 =83 R2 =90 R3 =94 R4 =83 R5 =84 R6 =86 R7 =90

R8 =72 R9 =16 R10=76 R11=83 R12=59 R13=85 R14=97 R15=78

## Photometric & Radiometric Parameters

Flux = 144.96 lm Eff. : 69.25 lm/W  $F_e = 473.56$  mW

(EQE):862.74%

## Electrical parameters

V = 230.0 V I = 0.02390 A P = 2.093 W PF = 0.3808

Kdisp(IEC) = 0 Freq=50.00 Hz



## **EU DECLARATION OF CONFORMITY**

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

**Declaration Number:**

106-EBRI-WH

106-EBRI-BL

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

**Products:**

39LED Brick Light 3.2Watt 195 Lumens IP68 Class II

**Model Number:**

EBRI-WH & EBRI-BL

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

EN55015:2013, EN61547:2009, EN61000-3-2:2014, EN61000-3-3:2013, EN60598-2-2:2011,  
EN60598-1:2015, EN62493:2010



*Signed:*

*Date:*

*Place of Issue: Republic of Ireland*

