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, Unit 7/8 Ashbourne Business Centre Ballybin Road Ashbourne Co. Meath Ireland A84YP58

Model identifier: SWV5WFRWH

Type of light source:

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

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
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)	500 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 or 4 000 or 6 000
On-mode power (P_{on}), expressed in W	5,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
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: 30	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 75		
	Depth: -		

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)	0,370 0,372
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	1,00
the lumen maintenance factor		0,96		

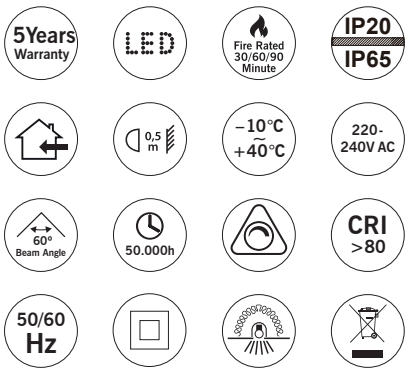
[a] '-' : not applicable;

[b] '-' : not applicable;

Installation Instructions

5W LED CCT FIRE RATED TILT WALL WASHER DOWNLIGHT

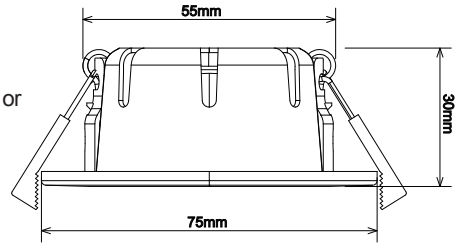
Product codes: SWV5WFRWH / SWV5WFRMC



Warning

1. Installation only to be carried out by qualified electrician
2. Please ensure surface is suitable and capable of holding the luminaire and driver weight
3. Pre-cut hole before installation, (see below chart for hole diameter)
4. Do not operate if product is damaged
5. IP65 rated front, suitable for bathroom zones 1 &2
6. This product is suitable for fire rated installations, Part L Compliant of UK Building Regulations, Part B Compliant BS476 Parts 21 and 22-Suitable for 30 minute 600mm/15mm single layer Standard Wallboard, 60 minute 600mm/12.5mm twin layer Fireboard and 90 minute450mm/15mm twin layer Fireboard ceilings

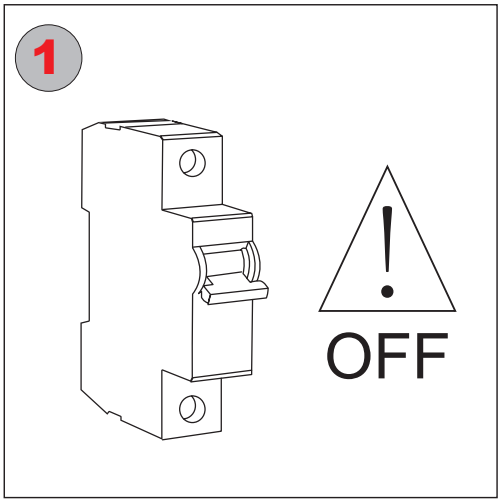
Voltage:	220-240V AC	**CRI:**	>80Ra
Lampless:	External driver	**Connection:**	Plug & play
Wattage:	5W	**Beam Angle:**	60º
Lumens:	500lm	**Dimmable:**	Dimmable with leading edge or trailing edge dimmer
Colour Temperature:	3000K/4000K/6000K	**Driver:**	Non-Detatchable
Cut Out:	60mm		
Minimum Void:	30mm.		
Bezel Finish:	White/Matt Chrome		

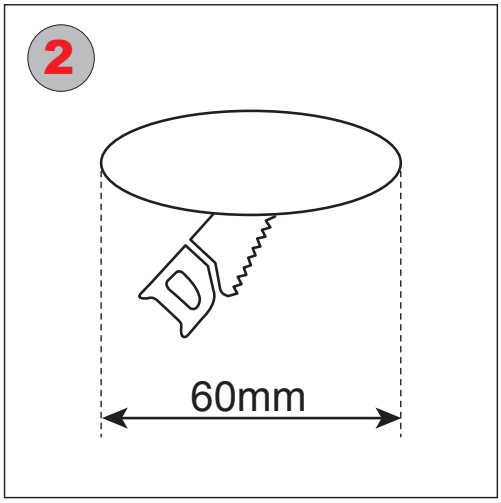


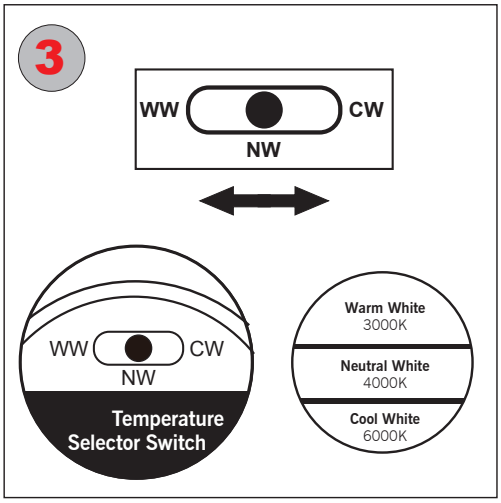
- This product must be installed by a qualified electrician in accordance with instructions provided and in compliance with recognised electrical and safety regulations relevant to the country it is being installed.
- The product and its associated control gear are designed to operate on 220-240 volts 50Hz.
- This downlighter range is designed to be installed in a ceiling tile/solid material with a minimum dimension of 3mm thickness.
- Indoor use only.
- Minimum clearance is 30mm above the installed fitting, and no product should be installed within 30mm of any joist.

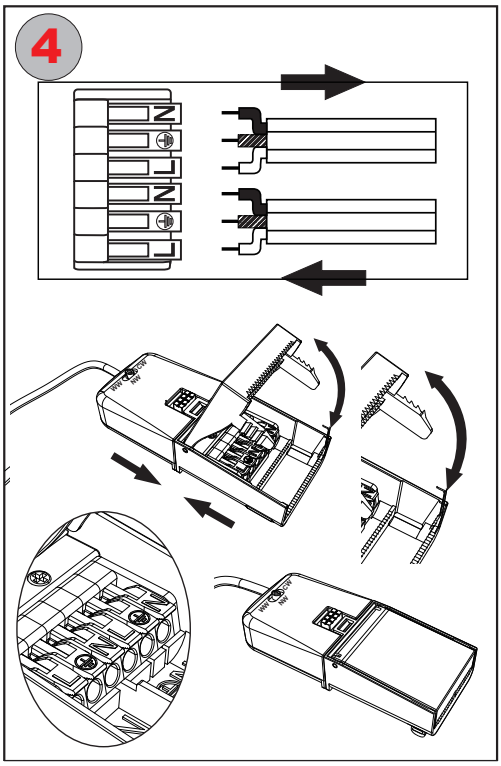
Installation details (Follow Diagram overleaf)

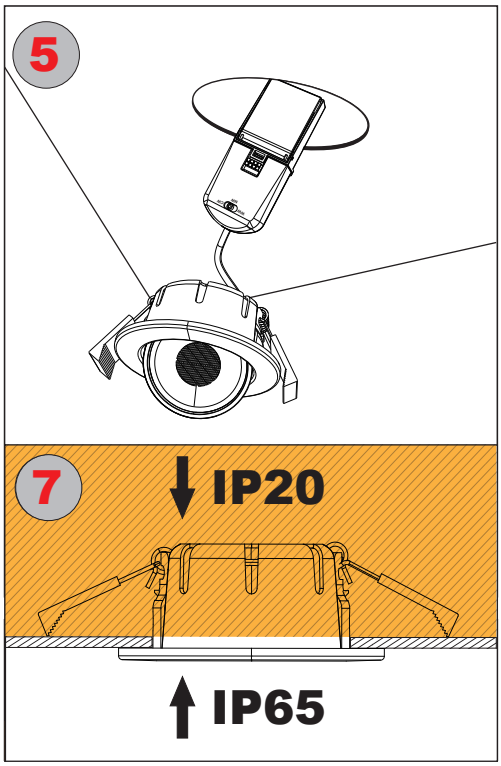
1. Ensure the AC/mains power is not connected and cannot be reconnected during installation.
2. For new installations use cutting tools suitable for the material and carefully cut the required hole to allow installation. (Fig 2)
3. For refurbishment installations, ensure that the existing hole is suitable and strong enough to hold the new downlight. Support the surrounding area if required.
4. Connect the AC/mains cable to the driver using the marked terminals provided. Incoming Cable connections are: L=Live power conductor (brown), N = Neutral power conductor (blue). The driver is Class II.
5. Remove downlight from box and connect to the driver via the connection system provided. (Fig.4)
6. Raise the springs and place the downlight into the cut-out ensuring that both the driver and mains power cable are not trapped. (Fig.6)
7. Once correctly connected, position the downlight fully into the aperture so that the outer flange is flush with the installed ceiling tile/solid material. (Fig 7)

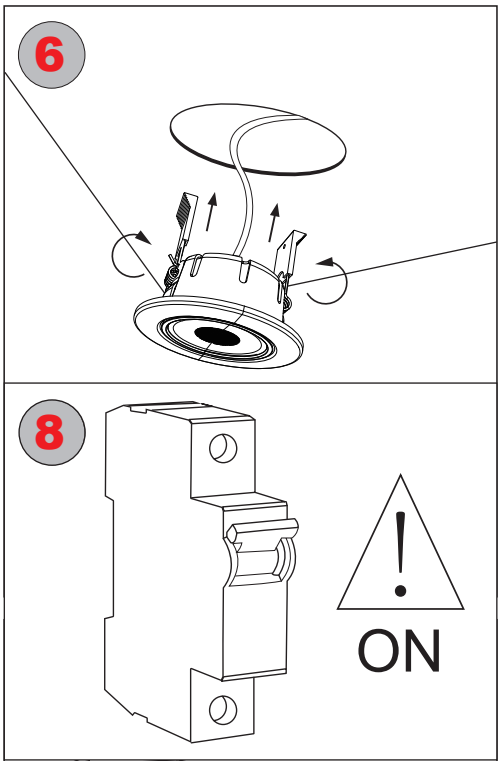






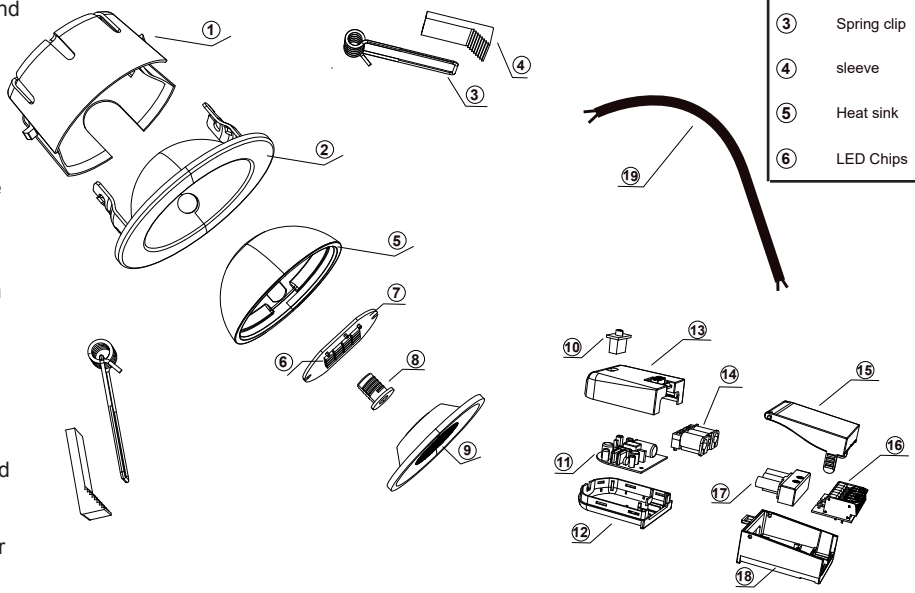






Product end of life instruction.
This Lighting product is in the scope of EU 2019/2020 directive on Waste Electrical and Electronic Equipment (WEEE). This product must be disposed according to the legislation. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product. Please follow pictured diagram showing how to dismantle the product into different components which should be disposed of correctly. These components 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.

Disassembly Diagram



①	IC Cover	⑦	Aluminum PCB
②	Shell	⑧	Screw
③	Spring clip	⑨	Lens
④	sleeve	⑩	4CCT switch
⑤	Heat sink	⑪	LED driver
⑥	LED Chips	⑫	Female connector box bottom cover
		⑬	Female connector box upper cover
		⑭	Female connector terminals block
		⑮	Male connector box upper cover
		⑯	Terminal block
		⑰	Terminal block
		⑱	Male connector box bottom cover
		⑲	Power output cable

For more information contact:

SGD
Solas Geal Distribution

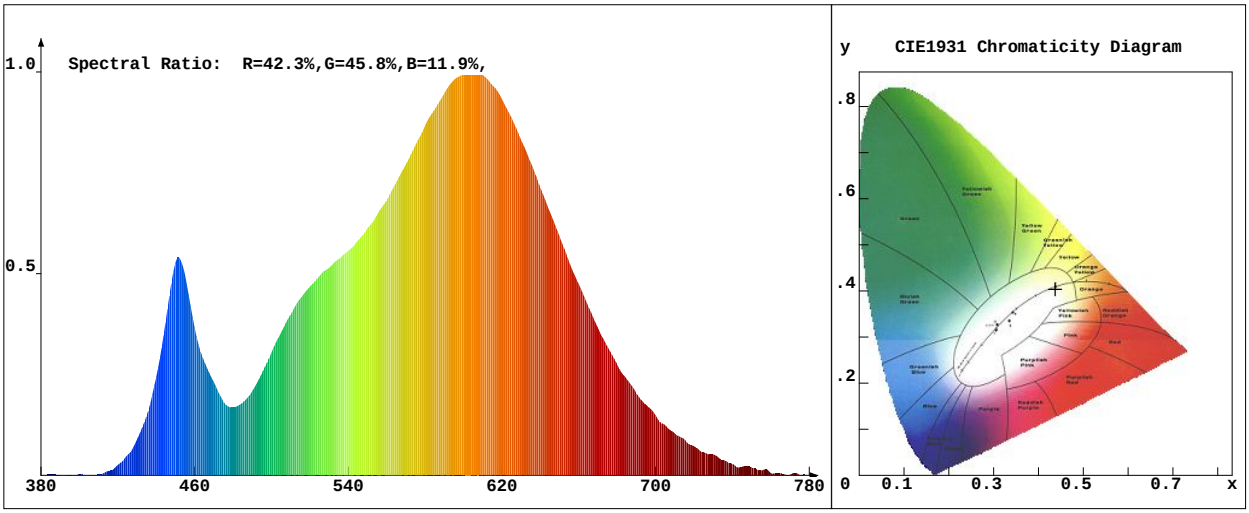
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58,
Phone: 00353 1 835 7447
Unit 32 Junction One Business Park, Valley Road, Birkenhead, Merseyside, UK, CH41 7ED,
UK Ph: 0330 551 7000
Website: www.sgd.ie

5 years Quality Assurance
30, 60, 90
ErP COMPLIANT
UK CA
CE
RoHS COMPLIANT

LED Test Report

Product Mark

Product Type :SWV5WFRWH-3000K
Manufacturer :SGD LTD
Temperature :24.3'C
Humidity :70%
Operator :Y
Test Date :2023-10-19 10:40:10
Remark:



Chroma Parameters

Chro.Coor.:x=0.4372 y=0.4037 u=0.2509 v=0.3475 duv=-0.0002
CCT: 2993K Dominant Wave.:582.9nm Purity:52.4%
Flux RGB Ratio:R=22.1%,G=76.4%,B=1.6% Peak Wave:604.8nm Half Width:131.6nm

Rendering Index:Ra= 82.3

R1 =80	R2 =90	R3 =97	R4 =82	R5 =82	R6 =88	R7 =82	R8 =58
R9 =7	R10=77	R11=81	R12=70	R13=82	R14=99	R15=73	

Fidelity Index(Rf)=82.7 Gamut Index(Rg)=96.5

Photo Parameters

Flux:548.51lm Effi.:107.5lm/W Radiant:1841.2mW Iv:0.0mcd
Efficiency:0.107 Effi Level:A++ (EU 874-2012)

Ele. Parameters

Voltage:U=228.81V Current:I=0.0290A
Power:P=5.10W Power Factor:PF=0.769

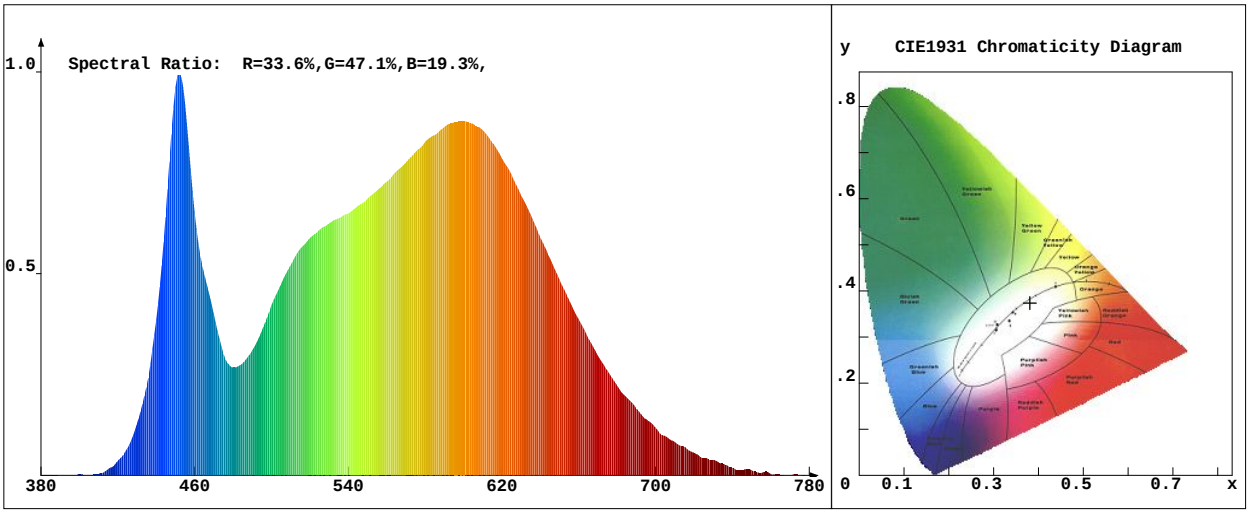
Instrument state

Instrument:Hopoo HP8000S Integral Time: 459.632ms VPeak: 13849
VDark: 1385 Scan Range: 380-780nm Product ID: 201610168

LED Test Report

Product Mark

Product Type :SWV5WFRWH-4000K
Manufacturer :SGD LTD
Temperature :24.3'C
Humidity :70%
Operator :Y
Test Date :2023-10-19 10:40:52
Remark:



Chroma Parameters

Chro.Coor.:x=0.3812 y=0.3740 u=0.2267 v=0.3337 duv=-0.0015
CCT: 3959K Dominant Wave.:580.1nm Purity:26.7%
Flux RGB Ratio:R=18.3%,G=79.1%,B=2.6% Peak Wave:451.6nm Half Width:22.3nm

Rendering Index:Ra= 85.8

R1 =85	R2 =91	R3 =96	R4 =86	R5 =86	R6 =89	R7 =87	R8 =68
R9 =21	R10=79	R11=85	R12=66	R13=86	R14=98	R15=79	

Fidelity Index(Rf)=84.0 Gamut Index(Rg)=96.4

Photo Parameters

Flux:602.34lm Effi.:123.9lm/W Radiant:2071.1mW Iv:0.0mcd
Efficiency:0.096 Effi Level:A++ (EU 874-2012)

Ele. Parameters

Voltage:U=229.00V Current:I=0.0280A
Power:P=4.91W Power Factor:PF=0.758

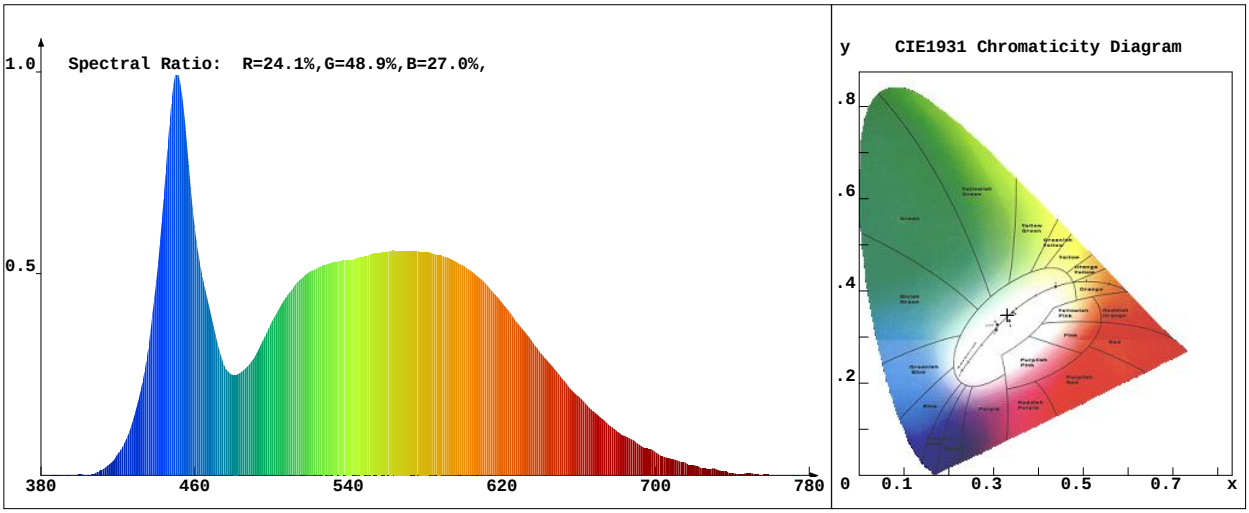
Instrument state

Instrument:Hopoo HP8000S Integral Time: 459.632ms VPeak: 13369
VDark: 1393 Scan Range: 380-780nm Product ID: 201610168

LED Test Report

Product Mark

Product Type :SWV5WFRWH-6000K
Manufacturer :SGD LTD
Temperature :24.3'C
Humidity :70%
Operator :Y
Test Date :2023-10-19 10:41:36
Remark:



Chroma Parameters

Chro.Coor.:x=0.3302 y=0.3474 u=0.2029 v=0.3203 duv=0.0042
CCT: 5598K Dominant Wave.:542.0nm Purity:3.5%
Flux RGB Ratio:R=13.9%,G=82.6%,B=3.5% Peak Wave:450.5nm Half Width:23.3nm

Rendering Index:Ra= 83.2

R1 =81	R2 =87	R3 =92	R4 =84	R5 =83	R6 =83	R7 =88	R8 =69
R9 =8	R10=70	R11=83	R12=62	R13=83	R14=96	R15=76	

Fidelity Index(Rf)=82.3 Gamut Index(Rg)=95.5

Photo Parameters

Flux:566.32lm Effi.:111.2lm/W Radiant:2004.6mW Iv:0.0mcd
Efficiency:0.107 Effi Level:A++ (EU 874-2012)

Ele. Parameters

Voltage:U=229.00V Current:I=0.0290A
Power:P=5.20W Power Factor:PF=0.767

Instrument state

Instrument:Hopoo HP8000S Integral Time: 367.705ms VPeak: 13689
VDark: 1317 Scan Range: 380-780nm Product ID: 201610168

EU DECLARATION OF CONFORMITY

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

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

Product:
5w CCT Wall Washer Tilt Downlight

Model Number:
SWV5WFRMC, SWV5WFRWH
The product/model of the declaration described above is in conformity with the relevant Community harmonisation legislation.

Low Voltage Directive (2014/35/EU)
LVD (2014/35/EU) (amendment 2019/1956)
RoHS Directive (EU 2015/863 -2011/65/EU)
EMC Directive (2014/30/EU)

(EU) 2019/2015 Regulation on Energy Labelling for Light Sources.
(EU) 2019/2020 Ecodesign Requirements for Light Sources and Separate Control Gears

90 Minute Fire Rated in Accordance with BS 476 Part 21:1987

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

EN 62612:2013/AC:2016-10/A1:2017/A11:2017/AC:2017/A2:2018,
EN 62717:2017/A2:2019, EN 13032-4:2015+A1:2019,
CIE 84:1989, CIE 018:2019, CIE 63:1984, CIE 15:2018, CIE 13:3:1995,
IEC 62384:2020, EN IEC 62442-1:2022, EN IEC 62442-3:2022

Signed: Solas Geal Distribution Limited

Date: 15/03/24

Place of Issue: Republic of Ireland