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: BULK LED 15W

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	SMD		
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

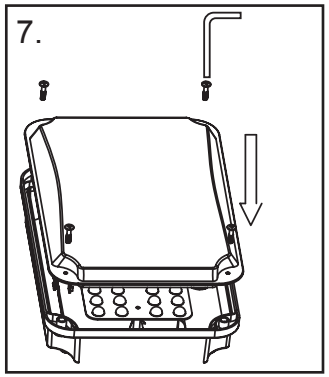
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	E
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)	1 500 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	3 000 or 4 000 or 6 500
On-mode power (P_{on}), expressed in W	15,0	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: 770	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 305		
	Depth: 205		

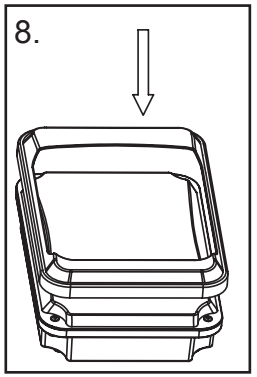
ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,371 0,368
Parameters for directional light sources:				
Peak luminous intensity (cd)		1	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	1,00
the lumen maintenance factor		0,97		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,00	Colour consistency in McAdam ellipses	8
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)	0,9

[a] '-' : not applicable;

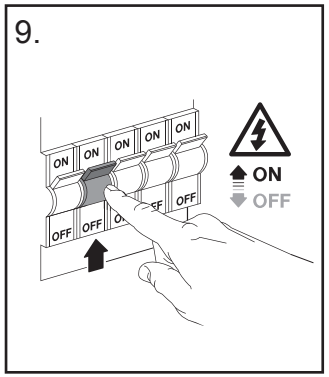
[b] '-' : not applicable;



7. Screw back diffuser making sure that the base and seal is in place and undamaged



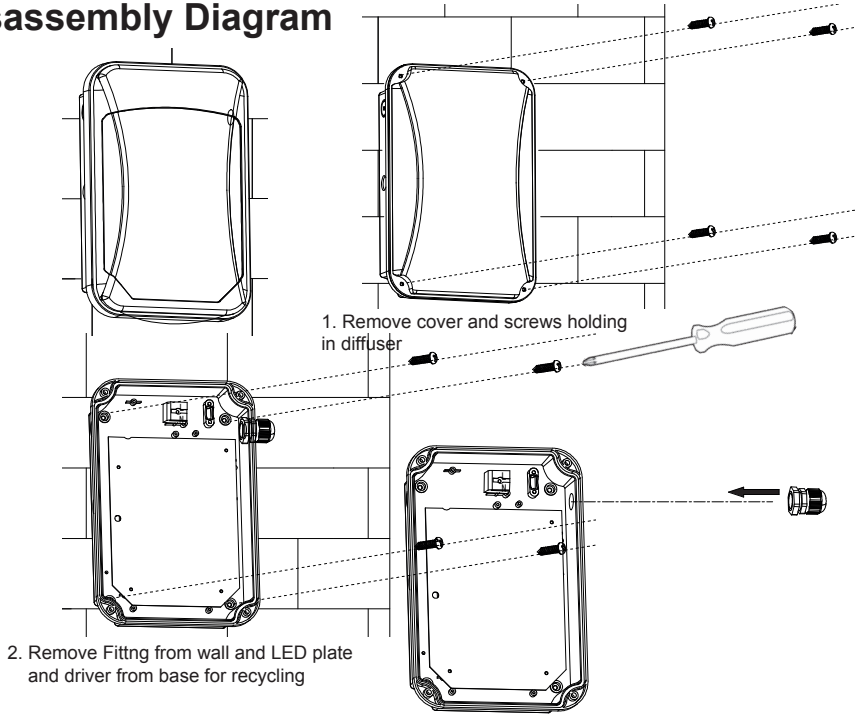
8. Clip the cover back onto the fitting



9. Switch Mains back on. Your light is now ready to use.

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 below 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



For more information contact:

Solas Geal Distribution

Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58,
Phone: 00353 1 835 7447
Website: www.sgd.ie

NON-REPLACEABLE LIGHT SOURCE

5 years Quality Assurance

source

Installation Manual

WATT-ADJUSTABLE LED CCT WALLPACK

Product Code: BULK15WLED
BULK15WLED+PC (with Photocell)

IP65 · ErP COMPLIANT · UKCA · CE · RoHS COMPLIANT

Instructions and Warnings

Please read the instructions carefully before use to ensure safe operation of this fitting and retain the instructions for future reference.

- This product should only be installed by a qualified electrician.
- Class II, double insulated, earth is not required
- Install in accordance with IEE Wiring Regulations and current Building Regulations.
- To prevent electrocution, switch off the Mains supply before installing or maintaining this fitting.
- This fitting contains non-replaceable parts and cannot be serviced. If damage occurs, the fitting should not be used.

Specification

Multi Watt: 9w/12w/15w
Lumens: 100Lm/W
Ingress Protection: IP65
Not Suitable for dimming
Voltage: 240v ~ 50Hz
CCT: 3000k, 4000k, 6500k
IK Rating: IK10

Photocell Technical Data

Rated Voltage:	5VDC
Power Consumption:	0.1W Max
Operation level:	10~20Lx on (all types of Light)
	30~80Lx Off (natural Light)
Ambient Temperature:	-40°C ~ +45°C
Related Humidity:	99%RH
Overall dimensions:	42 x 19 x 13.5mm

Layout

1. Plan the desired layout of this fitting carefully, ensuring the cables will reach the distance between the junction box and the light fitting.
2. 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.
3. The mains supply cable must have a minimum cross sectional area of 1.0mm^2
4. Cables must be protected using suitable conduit or plastic trunking.
5. The product can be wall or ceiling mounted.
6. Existing fittings must be completely removed before installation of a new product.
7. Before removing the existing fittings, **carefully note the position of each set of wires and holes through the product,** or if fitting to a ceiling, ensure there is a joist at the point of fixing to support the weight of the product. Take care to avoid any concealed wiring or pipes. The correct fixings should be used for brick, cavity walls or plasterboard.

Wiring

Remove the cover from the terminal block fitting, connect to the connection block inside the product after having correctly identified the wiring from your existing light as per the diagram. Check that:

- You have correctly identified the wires
- The connections are tight
- No loose strands have been left out of the connection block

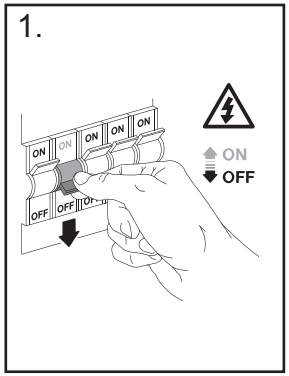
Commissioning

Ensure that the screws and cable entry points are sealed to maintain the IP rating of the product. Refit the shade and outer bezel and secure with the screws. Ensure the screws are correctly located. Replace fuse or circuit breaker and switch on. Your light is now ready for use

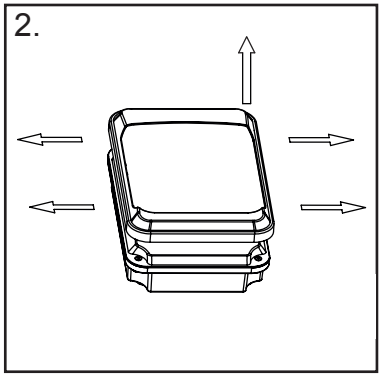
Cleaning

We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the fitting. For your safety, always switch off the supply before cleaning.

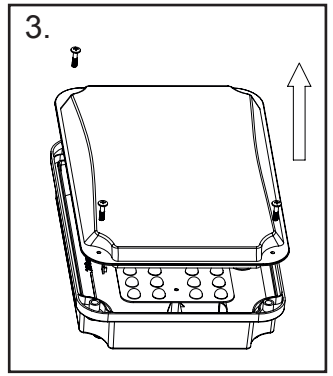
Installation



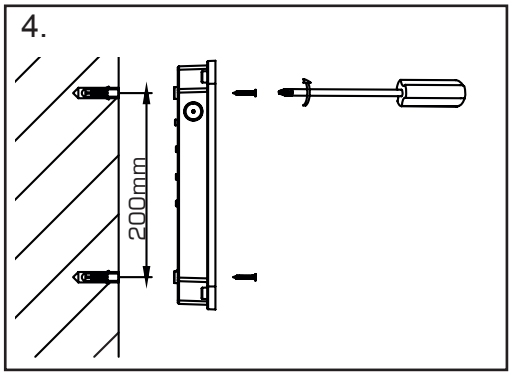
1. Switch off Mains before commencing installation



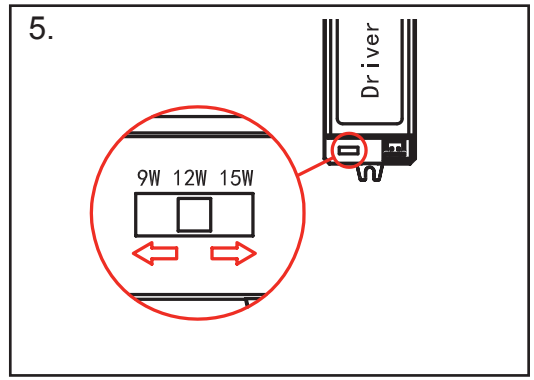
2. Unclip the cover to access the diffuser screws



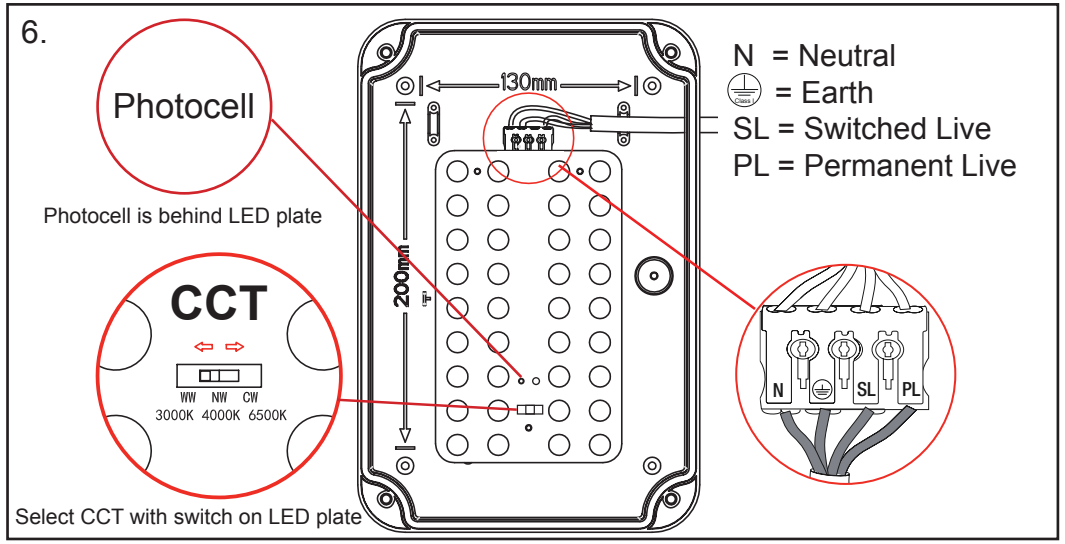
3. Unscrew the four corner screws and remove the diffuser



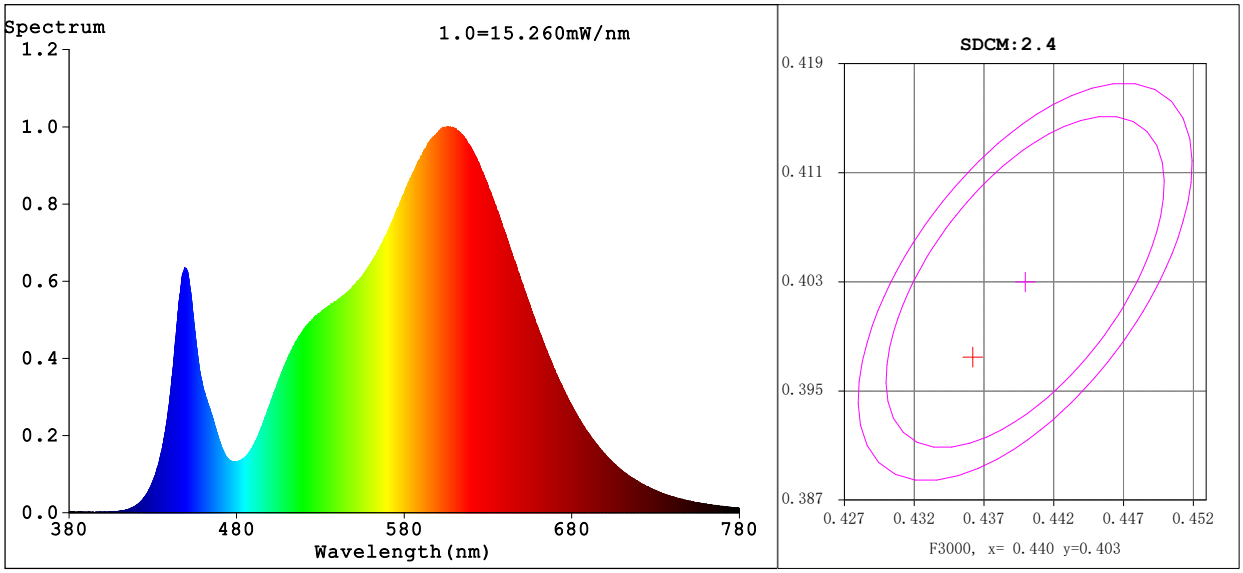
4. Fix the base of the wall using adequate fixings, ensuring the fixing surface is even and flat. Torq settings for screws: 1.2mm



5. Once LED plate is opened, there is a switch on the driver for wattage changing



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4363 y=0.3976/u'=0.2529 v'=0.5187

CCT=2958K(Duv=-0.0025) Dominant WL:Ld =583.9nm WL:Lc = --nm Purity=50.3%

Ratio:R=23.7% G=74.1% B=2.2% Peak WL:Lp=606.5nm FWHM=133.2nm

Render Index:Ra=84.2 AvgR=78.9

R1 =84	R2 =91	R3 =96	R4 =84	R5 =84	R6 =89	R7 =84	
R8 =62	R9 =14	R10=79	R11=84	R12=72	R13=85	R14=98	R15=77

Photo Parameters:

Flux = 729.6 lm Eff. : 85.83 lm/W Fe = 2.242 W

Electrical parameters:

V = 230.00 V I = 0.06000 A P = 8.500 W PF = 0.6150

Kdisp(IEC) = 0

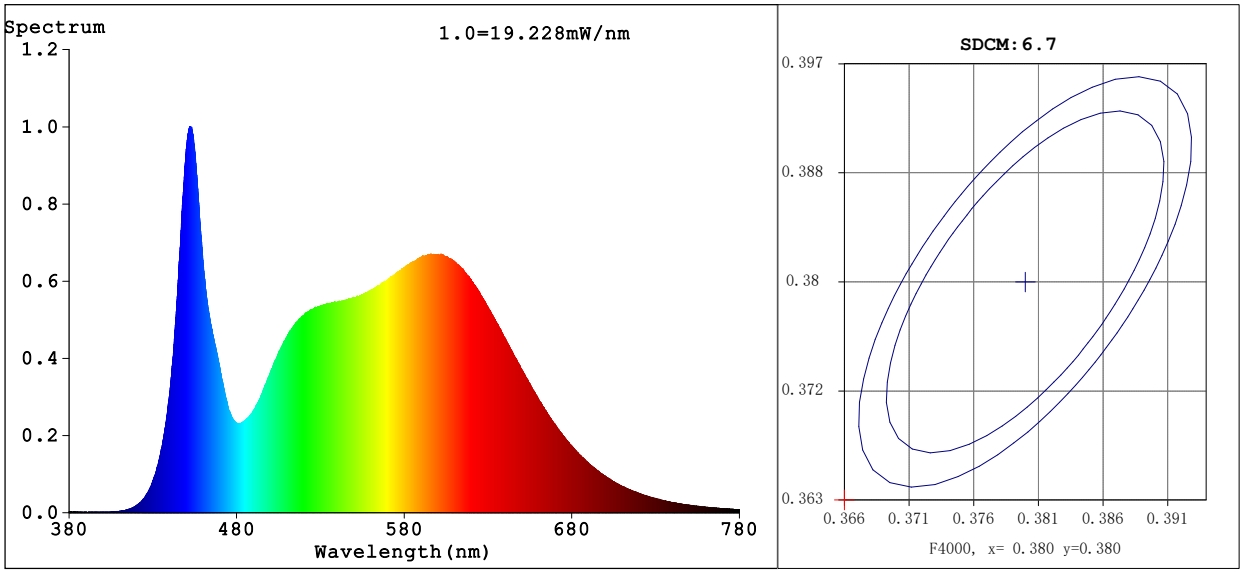
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 37 ms Ip = 34633 (53%)

GBT5702

Model:BULK LED 15W	Number:49
Tester:**SGD LTD**	Date:2025-06-24 15:30:07
Temperature:25Deg	Humidity:65.0%
Manufacturer:**SGD LTD**	Remarks:IRL5963-5/4# 9W

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3640 y=0.3628/u'=0.2198 v'=0.4928

CCT=4190K(Duv=-0.0015) Dominant WL:Ld =578.5nm WL:Lc = --nm Purity=18.1%

Ratio:R=18.1% G=77.7% B=4.2% Peak WL:Lp=452.1nm FWHM=20.4nm

Render Index:Ra=87.8 AvgR=82.4

R1 =88	R2 =93	R3 =95	R4 =87	R5 =87	R6 =89	R7 =89	
R8 =74	R9 =31	R10=82	R11=88	R12=63	R13=90	R14=98	R15=83

Photo Parameters:

Flux = 777.0 lm Eff. : 94.75 lm/W Fe = 2.448 W

Electrical parameters:

V = 230.00 V I = 0.05800 A P = 8.200 W PF = 0.6130

Kdisp(IEC) = 0

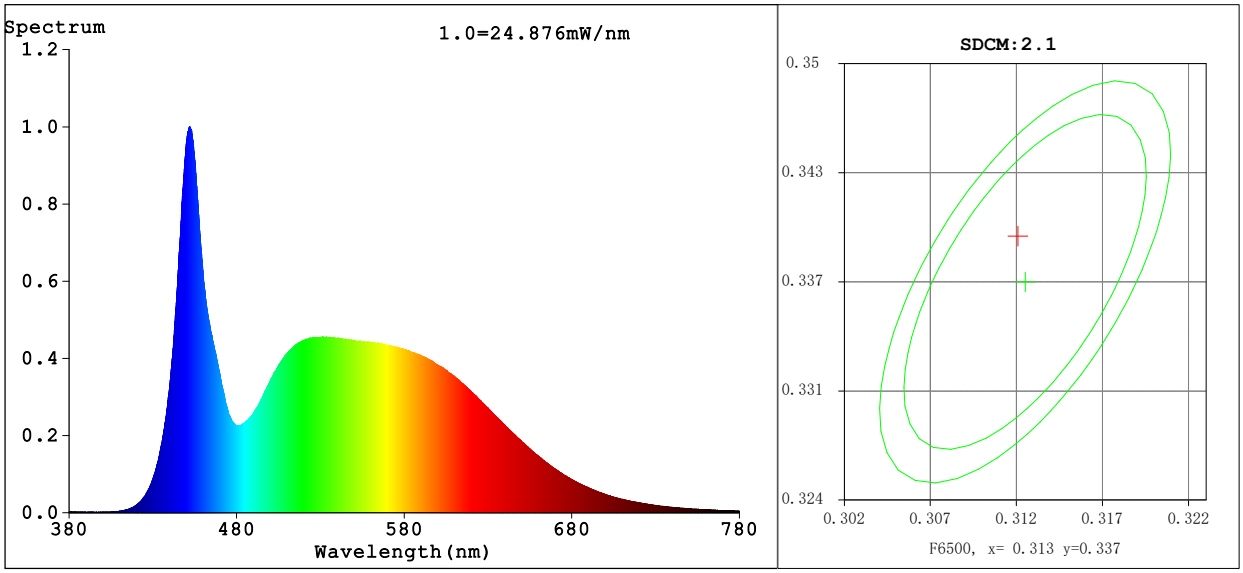
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 37 ms Ip = 32813 (50%)

GBT5702

Model:BULK LED 15W	Number:50
Tester:**SGD LTD**	Date:2025-06-24 15:44:42
Temperature:25Deg	Humidity:65.0%
Manufacturer:**SGD LTD**	Remarks:IRL5963-5/4# 9W

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3126 y=0.3397/u'=0.1938 v'=0.4739

CCT=6437K(Duv=0.0086) Dominant WL:Ld =495.6nm WL:Lc = --nm Purity=6.6%

Ratio:R=13.2% G=81.1% B=5.6% Peak WL:Lp=452.1nm FWHM=20.0nm

Render Index:Ra=83.8 AvgR=76.3

R1 =81	R2 =88	R3 =93	R4 =83	R5 =82	R6 =84	R7 =90	
R8 =71	R9 =9	R10=72	R11=82	R12=56	R13=83	R14=96	R15=76

Photo Parameters:

Flux = 732.0 lm Eff. : 86.12 lm/W Fe = 2.339 W

Electrical parameters:

V = 230.00 V I = 0.06000 A P = 8.500 W PF = 0.6160

Kdisp(IEC) = 0

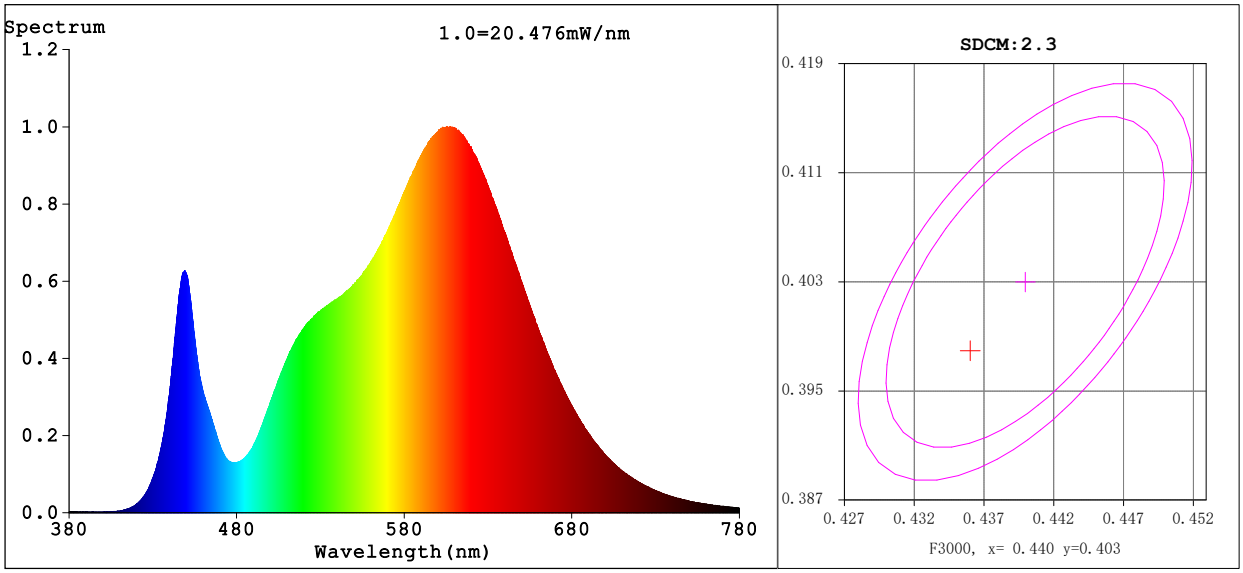
LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 37 ms Ip = 42269 (64%)

GBT5702

Model:BULK LED 15W	Number:51
Tester:**SGD LTD**	Date:2025-06-24 15:47:19
Temperature:25Deg	Humidity:65.0%
Manufacturer:**SGD LTD**	Remarks:IRL5963-5/4# 9W

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4361 y=0.3981/u'=0.2526 v'=0.5189

CCT=2965K(Duv=-0.0023) Dominant WL:Ld =583.8nm WL:Lc = --nm Purity=50.4%

Ratio:R=23.6% G=74.2% B=2.2% Peak WL:Lp=605.5nm FWHM=133.8nm

Render Index:Ra=84.1 AvgR=78.7

R1 =83	R2 =91	R3 =96	R4 =84	R5 =83	R6 =89	R7 =84	
R8 =62	R9 =14	R10=79	R11=84	R12=72	R13=85	R14=98	R15=76

Photo Parameters:

Flux = 982.4 lm Eff. : 81.87 lm/W Fe = 3.015 W

Electrical parameters:

V = 230.00 V I = 0.08200 A P = 12.00 W PF = 0.6350

Kdisp(IEC) = 0

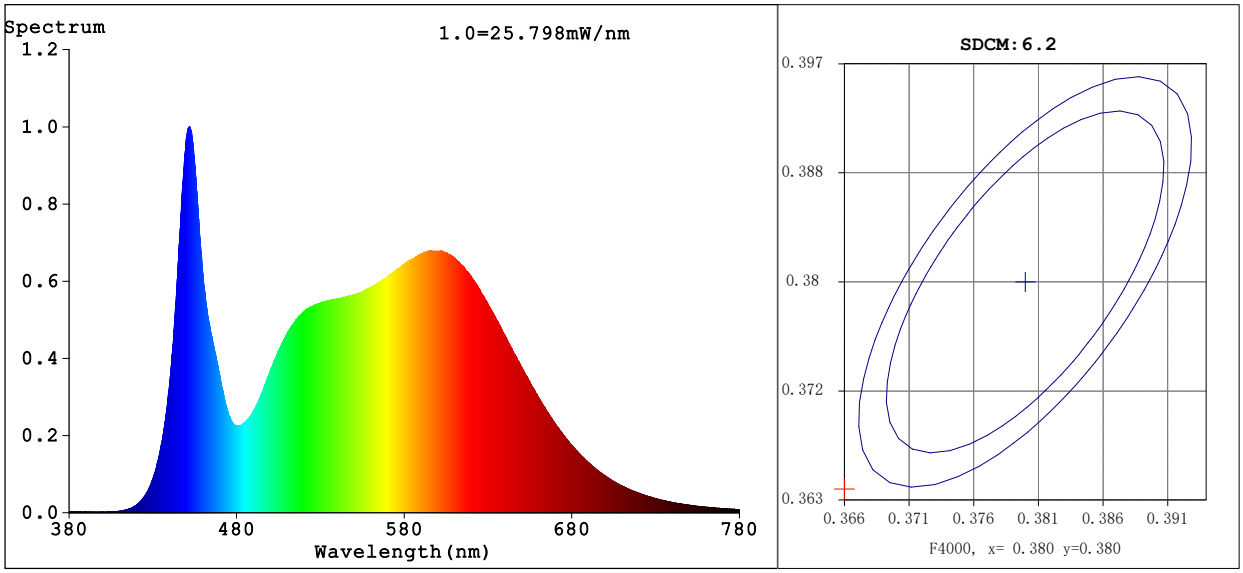
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 37 ms Ip = 46473 (71%)

GBT5702

Model:BULK LED 15W	Number:52
Tester:**SGD LTD**	Date:2025-06-24 15:49:56
Temperature:25Deg	Humidity:65.0%
Manufacturer:**SGD LTD**	Remarks:IRL5963-5/4# 12W

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3651 y=0.3640/u'=0.2200 v'=0.4935

CCT=4160K(Duv=-0.0013) Dominant WL:Ld =578.5nm WL:Lc = --nm Purity=18.8%

Ratio:R=18.1% G=77.8% B=4.1% Peak WL:Lp=452.0nm FWHM=20.1nm

Render Index:Ra=87.5 AvgR=82.1

R1 =87	R2 =92	R3 =95	R4 =88	R5 =87	R6 =88	R7 =89	
R8 =73	R9 =30	R10=81	R11=88	R12=63	R13=89	R14=97	R15=83

Photo Parameters:

Flux = 1056 lm Eff. : 91.79 lm/W Fe = 3.318 W

Electrical parameters:

V = 230.00 V I = 0.07800 A P = 11.50 W PF = 0.6330

Kdisp(IEC) = 0

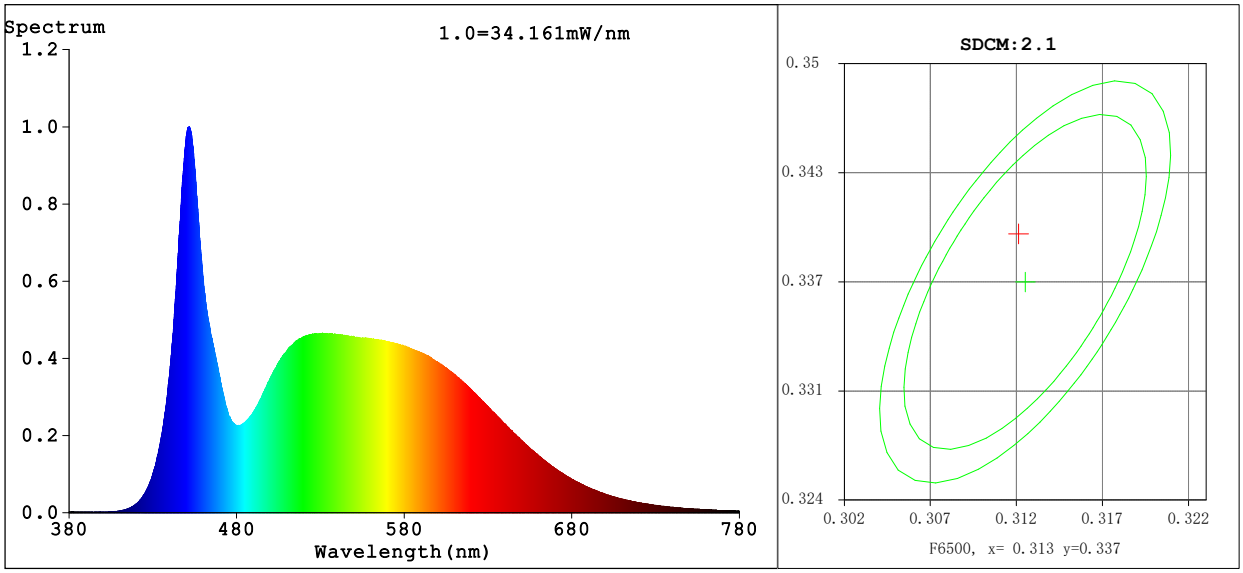
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 37 ms Ip = 43830 (67%)

GBT5702

Model:BULK LED 15W	Number:53
Tester:**SGD LTD**	Date:2025-06-24 15:51:47
Temperature:25Deg	Humidity:65.0%
Manufacturer:**SGD LTD**	Remarks:IRL5963-5/4# 12W

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3126 y=0.3398/u'=0.1938 v'=0.4740

CCT=6432K(Duv=0.0087) Dominant WL:Ld =495.7nm WL:Lc = --nm Purity=6.6%

Ratio:R=13.2% G=81.3% B=5.6% Peak WL:Lp=451.7nm FWHM=20.4nm

Render Index:Ra=83.4 AvgR=75.9

R1 =81	R2 =87	R3 =92	R4 =83	R5 =82	R6 =83	R7 =90	
R8 =70	R9 =8	R10=71	R11=82	R12=56	R13=82	R14=96	R15=75

Photo Parameters:

Flux = 1025 lm Eff. : 86.10 lm/W Fe = 3.271 W

Electrical parameters:

V = 230.00 V I = 0.08100 A P = 11.90 W PF = 0.6340

Kdisp(IEC) = 0

LEVEL:OUT WHITE:ANSI_6500K

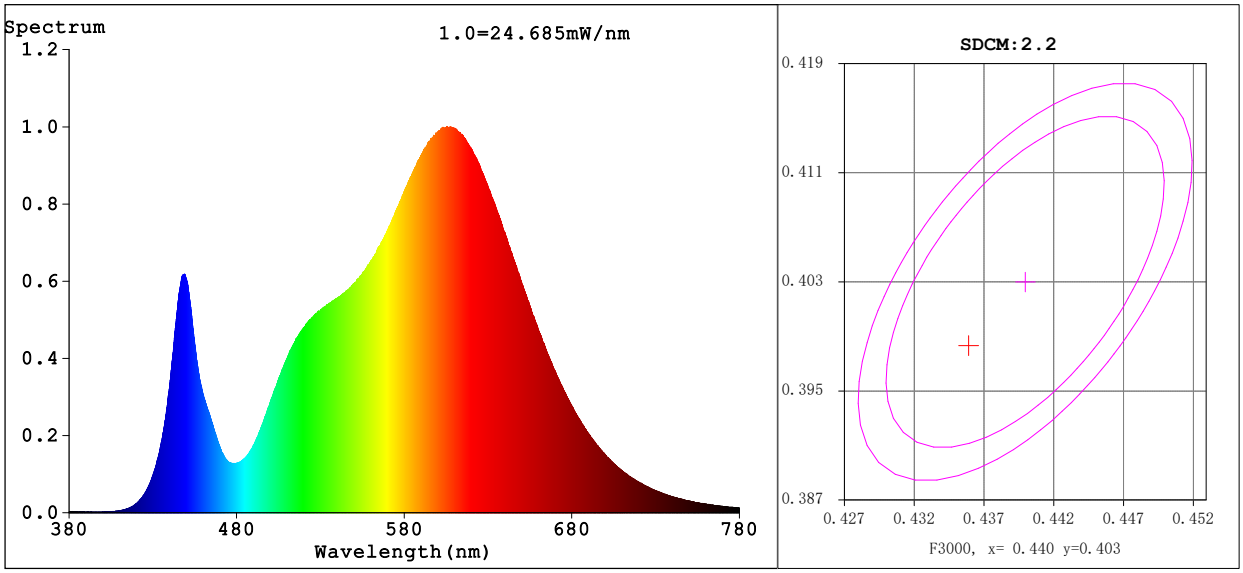
Status: Integral T = 29 ms Ip = 45389 (69%)

GBT5702

Model:BULK LED 15W
Tester:**SGD LTD**
Temperature:25Deg
Manufacturer:**SGD LTD**

Number:54
Date:2025-06-24 15:54:02
Humidity:65.0%
Remarks:IRL5963-5/4# 12W

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4359 y=0.3984/u'=0.2524 v'=0.5190

CCT=2970K(Duv=-0.0021) Dominant WL:Ld =583.7nm WL:Lc = --nm Purity=50.4%

Ratio:R=23.5% G=74.3% B=2.2% Peak WL:Lp=605.5nm FWHM=134.4nm

Render Index:Ra=84.0 AvgR=78.6

R1 =83	R2 =91	R3 =96	R4 =84	R5 =83	R6 =89	R7 =84	
R8 =62	R9 =14	R10=78	R11=84	R12=72	R13=85	R14=98	R15=76

Photo Parameters:

Flux = 1186 lm Eff. : 78.54 lm/W Fe = 3.636 W

Electrical parameters:

V = 230.00 V I = 0.1020 A P = 15.10 W PF = 0.6430

Kdisp(IEC) = 0

LEVEL:OUT WHITE:ANSI_3000K

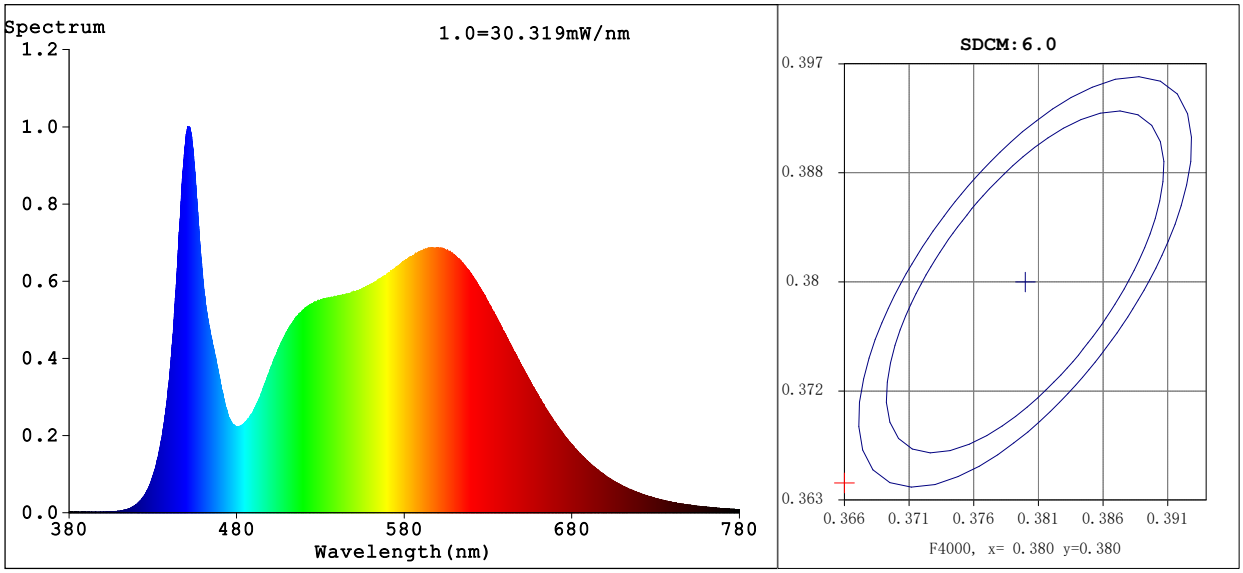
Status: Integral T = 29 ms Ip = 44002 (67%)

GBT5702

Model:BULK LED 15W
Tester:**SGD LTD**
Temperature:25Deg
Manufacturer:**SGD LTD**

Number:55
Date:2025-06-24 16:38:08
Humidity:65.0%
Remarks:IRL5963-5/4# 15W

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3655 y=0.3645/u'=0.2201 v'=0.4938

CCT=4153K(Duv=-0.0012) Dominant WL:Ld =578.5nm WL:Lc = --nm Purity=19.1%

Ratio:R=18.1% G=77.8% B=4.0% Peak WL:Lp=450.8nm FWHM=20.3nm

Render Index:Ra=87.4 AvgR=81.9

R1 =87	R2 =92	R3 =95	R4 =88	R5 =87	R6 =88	R7 =89	
R8 =73	R9 =30	R10=80	R11=88	R12=63	R13=89	R14=97	R15=83

Photo Parameters:

Flux = 1255 lm Eff. : 87.18 lm/W Fe = 3.940 W

Electrical parameters:

V = 230.00 V I = 0.09700 A P = 14.40 W PF = 0.6420

Kdisp(IEC) = 0

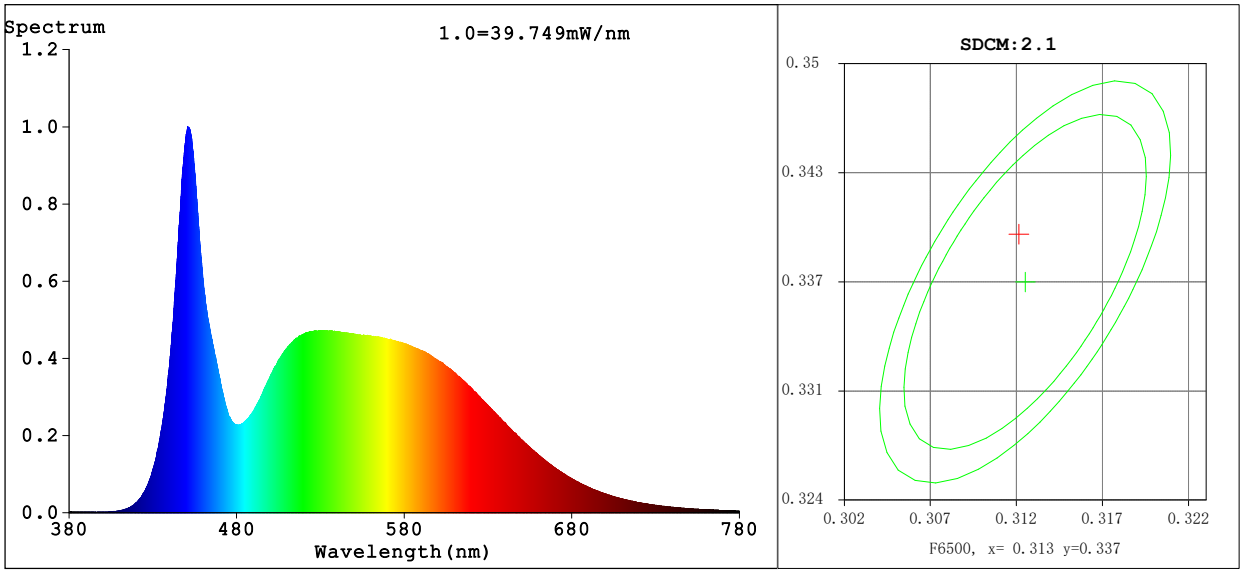
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 29 ms Ip = 40289 (61%)

GBT5702

Model:BULK LED 15W	Number:56
Tester:**SGD LTD**	Date:2025-06-24 16:40:44
Temperature:25Deg	Humidity:65.0%
Manufacturer:**SGD LTD**	Remarks:IRL5963-5/4# 15W

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3126 y=0.3398/u'=0.1938 v'=0.4740

CCT=6432K(Duv=0.0087) Dominant WL:Ld =495.7nm WL:Lc = --nm Purity=6.6%

Ratio:R=13.2% G=81.3% B=5.5% Peak WL:Lp=450.8nm FWHM=20.9nm

Render Index:Ra=83.3 AvgR=75.7

R1 =80	R2 =87	R3 =92	R4 =83	R5 =81	R6 =83	R7 =90	
R8 =70	R9 =7	R10=70	R11=82	R12=57	R13=82	R14=96	R15=75

Photo Parameters:

Flux = 1209 lm Eff. : 80.62 lm/W Fe = 3.860 W

Electrical parameters:

V = 230.00 V I = 0.1010 A P = 15.00 W PF = 0.6440

Kdisp(IEC) = 0

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 29 ms Ip = 52600 (80%)

GBT5702

Model:BULK LED 15W	Number:57
Tester:**SGD LTD**	Date:2025-06-24 16:42:54
Temperature:25Deg	Humidity:65.0%
Manufacturer:**SGD LTD**	Remarks:IRL5963-5/4# 15W

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 Description:
LED IP65 Multi Watt (30/26/22/18W) CCT Wallpack

Model Code:
BULK LED 15W, BULK LED 15W+PC

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

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

EN 62479:2010, EN 50663:2017, EN 60598-2-22:2014+A1:2020, EN IEC 60598-1:2021+A11:2022,
EN IEC 60598-2-1:2021, EN 62493:2015+A1:2022, EN IEC 55015:2019+A11:2020, EN IEC 61547:2023
EN IEC 61000-3-2:2019/A1:2021, EN 61000-3-3:2013/A2:2021/AC:2022-01
EN IEC 60598-2-1:2021, EN IEC 60598-1:2021+A11:2022, EN 62493:2015+A1:2022
BS EN IEC 55015:2019+A11:2020, BS EN IEC 61547:2023, BS EN IEC 61000-3-2:2019/A1:2021
BS EN 61000-3-3:2013/A2:2021/AC:2022-01
EN IEC 55015:2019+A11:2020, EN IEC 61547:2023, EN IEC 61000-3-3:2013/A2:2021/AC:2022-01
EN IEC 60598-2-1:2021, EN IEC 60598-1:2021+A11:2022, EN 62493:2015+A1:2022

Signed: Solas Geal Distribution Limited

Date: 2/7/25

Place of Issue: Republic of Ireland

CE