

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: SBTMW6

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD		
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:	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	80	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	9 700 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 6 500
On-mode power (P_{on}), expressed in W	76,0	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 without separate control gear, light-	Height	5	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	57	
	Depth	1 660	
			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)	0,440 0,403
Parameters for LED and OLED light sources:			
R9 colour rendering index value	0	Survival factor	0,90
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

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: SBTMW5

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD		
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:	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	60	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	7 300 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 6 500
On-mode power (P_{on}), expressed in W	56,0	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 without separate control gear, light-	Height	5	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	57	
	Depth	1 460	
			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)	0,440 0,403
Parameters for LED and OLED light sources:			
R9 colour rendering index value	0	Survival factor	0,90
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

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: SBTMW4

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD		
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:	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	38	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 900 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 6 500
On-mode power (P_{on}), expressed in W	40,0	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 without separate control gear, light-	Height	5	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	57	
	Depth	1 160	
			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)	0,440 0,403
Parameters for LED and OLED light sources:			
R9 colour rendering index value	0	Survival factor	0,90
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

Installation Instructions



LED MULTI-WATT CCT BATTEN

Non Replaceable Light Source

SPECIFICATION:

Class I, Voltage: 220-240V~50/60Hz, Material: PC Diffuser, Steel Base

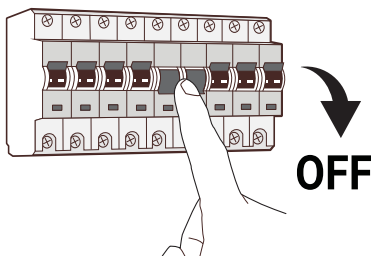


Codes:	Dimensions	Watt Adjustable	Lumens	CCT	IP Rating
SBTMW4	70 x 1175 x 62mm	40w / 34w / 28w / 22w	5200Lm, 4420Lm, 3640Lm, 2860Lm	3000K / 4000K 6500K	IP20
SBTMW4-EM	70 x 1175 x 62mm	40w / 34w / 28w / 22w	5200Lm, 4420Lm, 3640Lm, 2860Lm	3000K / 4000K 6500K	IP20
SBTMW5	70 x 1475 x 62mm	60w / 52w / 43w / 34w	7800Lm, 6760Lm, 5590Lm, 4420Lm	3000K / 4000K 6500K	IP20
SBTMW5-EM	70 x 1475 x 62mm	60w / 52w / 43w / 34w	7800Lm, 6760Lm, 5590Lm, 4420Lm	3000K / 4000K 6500K	IP20
SBTMW6	70 x 1775 x 62mm	80w / 70w / 60w / 50w	10400Lm, 9100Lm, 7800Lm, 6500Lm	3000K / 4000K 6500K	IP20

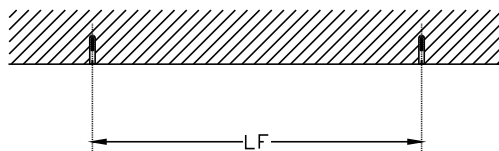
WARNING

1. This product should be installed by a qualified electrician.
2. Before installing an LED triproof fixture or carrying out any maintenance, ensure that the power is turned off at the mains.
3. This product is designed for permanent connection to fixed wiring, the circuit should be protected with the appropriate miniature circuit breaker or fuse.
4. The warranty is void if the product is damaged due to misuse, improper operation or is modified in any way.
5. Do not use sharp tools near or on the surface of the lamp
6. Read the instructions carefully and retain for future reference

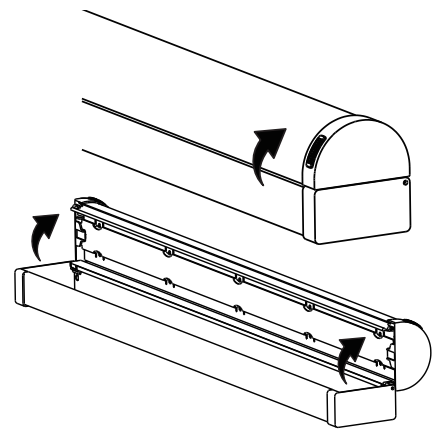
INSTALLATION INSTRUCTIONS



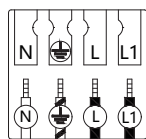
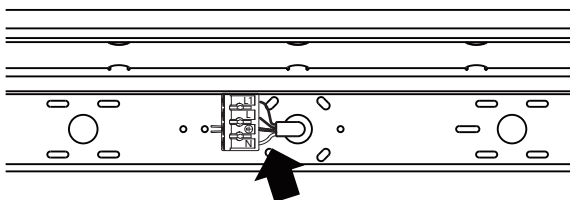
1. Turn off the power before commencing installation



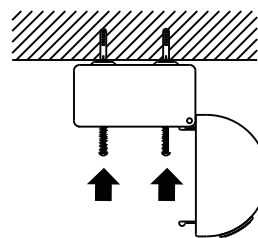
2. Install expansion screw



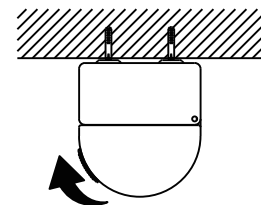
3. Open the diffuser



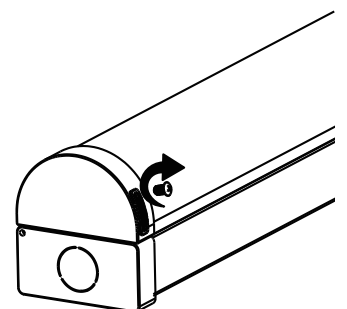
4. Connect the wires Live to Live, Neutral to Neutral and Earth to Earth



5. Mount to surface



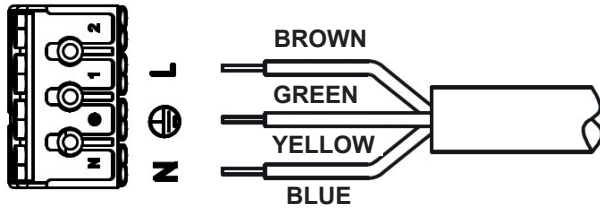
6. Close the diffuser



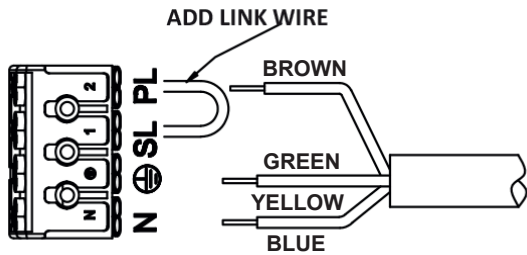
7. Fasten the clips

WIRING DIAGRAM

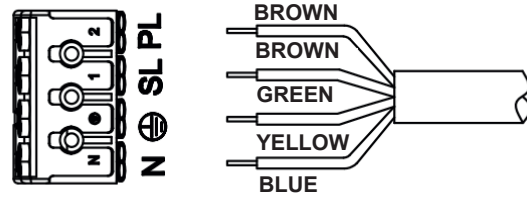
A. Standard Function



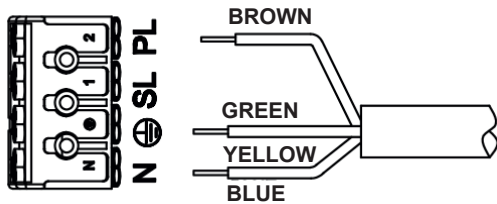
B. Emergency Function



**FOR MAINTAINED OPERATION
(NON-SWITCHABLE)**



**FOR MAINTAINED OPERATION
(SWITCHABLE)**

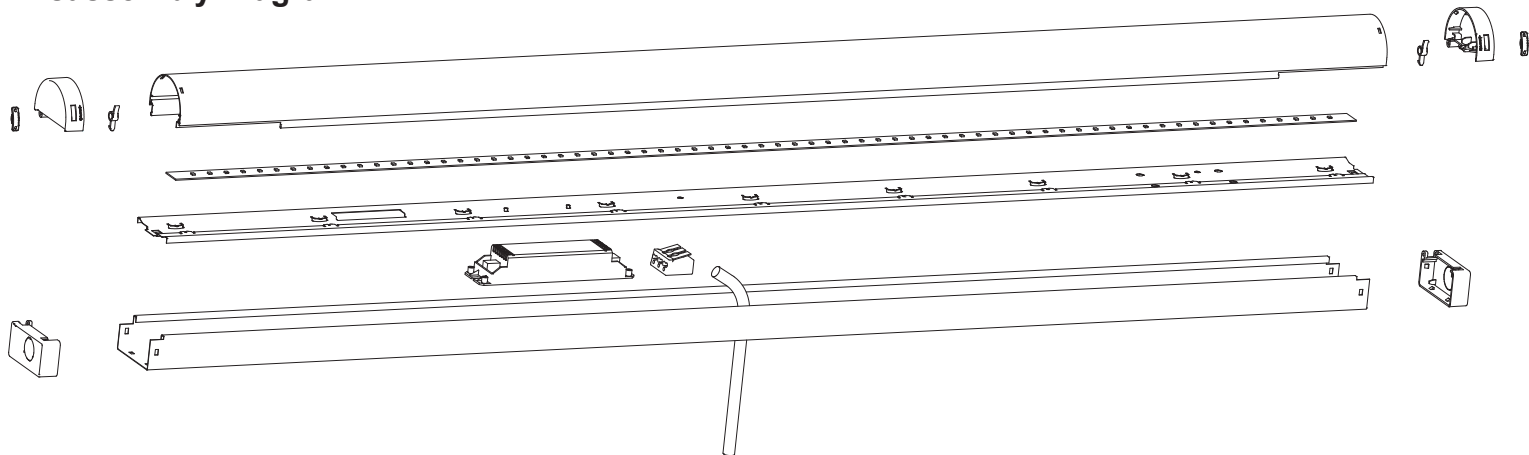


FOR NON-MAINTAINED OPERATION

Product end of life instruction.

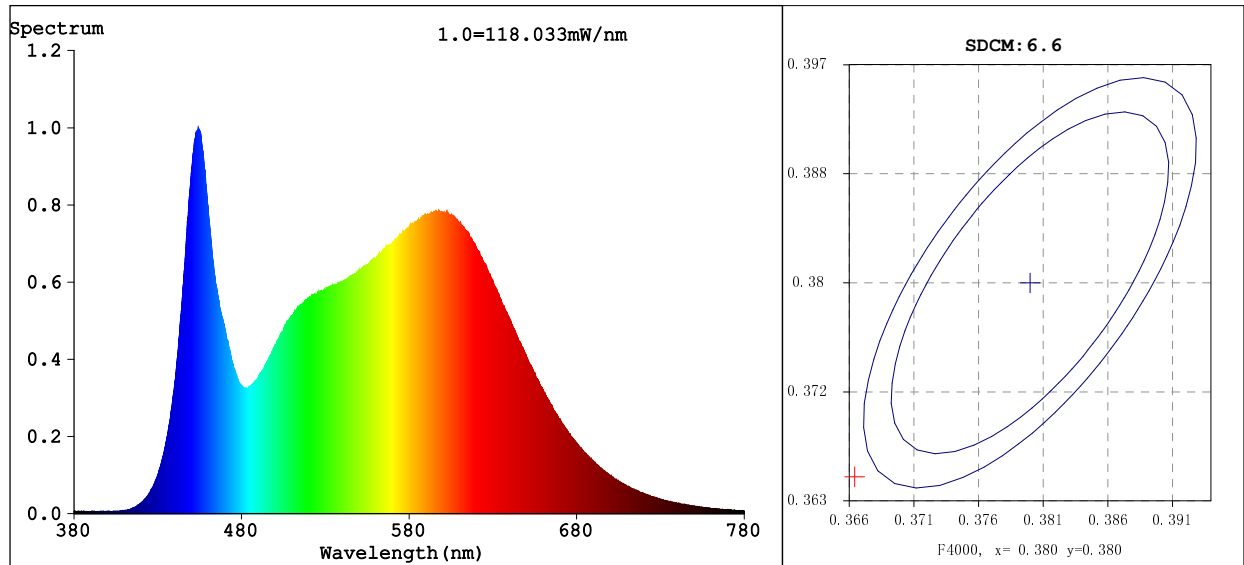
This Lighting product is in the scope of EU 2019/2020 directive on Waste Electrical and Electronic Equipment (WEEE). This product must be disposed according to the legislation. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure 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



For more information contact: Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58, **IRL Ph:** 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

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3664$ $y=0.3650$ $u'=0.2205$ $v'=0.4942$
 CCT=4326K (Duv=-0.0012) Dominant WL:Ld =578.6nm WL:Lc = --nm Purity=19.5%
 Ratio:R=18.2% G=77.3% B=4.6% Peak WL:Lp=454.2nm FWHM=25.6nm
 Render Index:Ra=87.2 AvgR=82.0 TM30:Rf=86 Rg=96

R1 =87 R2 =94 R3 =96 R4 =85 R5 =87 R6 =91 R7 =87
 R8 =70 R9 =25 R10=86 R11=85 R12=66 R13=90 R14=99 R15=82

Photo Parameters:

Flux = 5451 lm Eff. : 134.57 lm/W Fe = 17.07 W

Electrical parameters:

V = 232.85 V I = 0.1773 A P = 40.51 W PF = 0.9810

LEVEL:OUT WHITE:ANSI_4500K

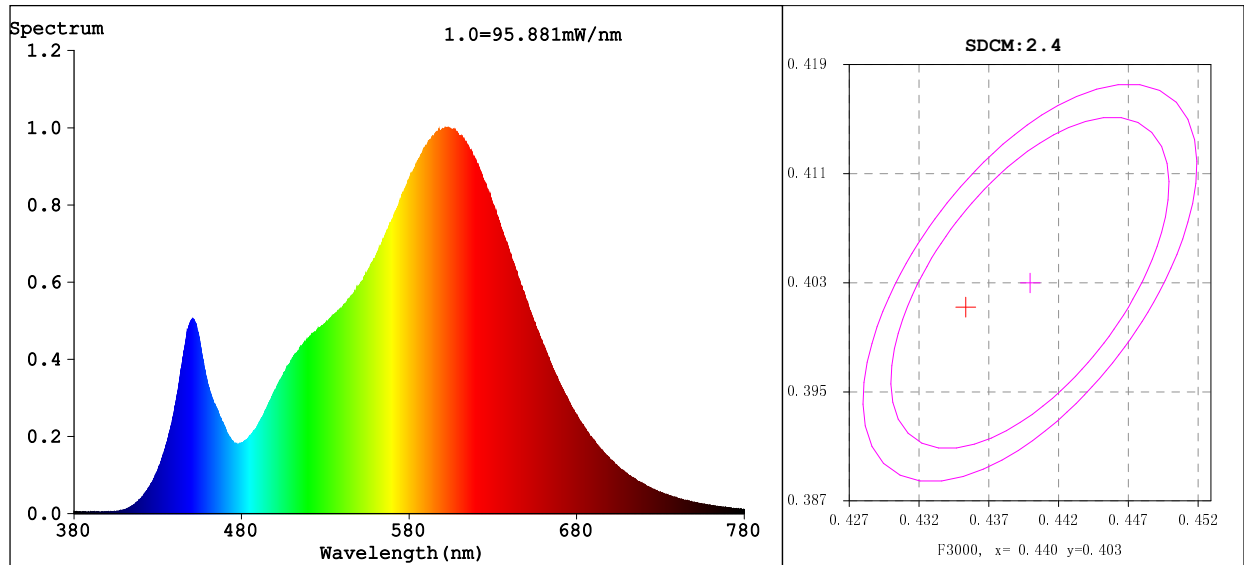
Status: Integral T = 30 ms Ip = 16245 (25%)

GBT5702

Model:TB40W 4000K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:
 Date:2023-07-06 10:06:24
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4354$ $y=0.4013$ / $u'=0.2508$ $v'=0.5200$
 CCT=3003K (Duv=-0.0009) Dominant WL:Ld =583.1nm WL:Lc = --nm Purity=51.1%
 Ratio:R=22.8% G=74.6% B=2.6% Peak WL:Lp=601.5nm FWHM=122.9nm
 Render Index:Ra=81.9 AvgR=76.3 TM30:Rf=83 Rg=96

R1 =80 R2 =91 R3 =96 R4 =80 R5 =81 R6 =89 R7 =82
 R8 =57 R9 =2 R10=79 R11=80 R12=74 R13=83 R14=98 R15=72

Photo Parameters:

Flux = 4619 lm Eff. : 108.03 lm/W Fe = 13.97 W

Electrical parameters:

V = 232.83 V I = 0.1869 A P = 42.76 W PF = 0.9827

LEVEL:OUT WHITE:ANSI_3000K

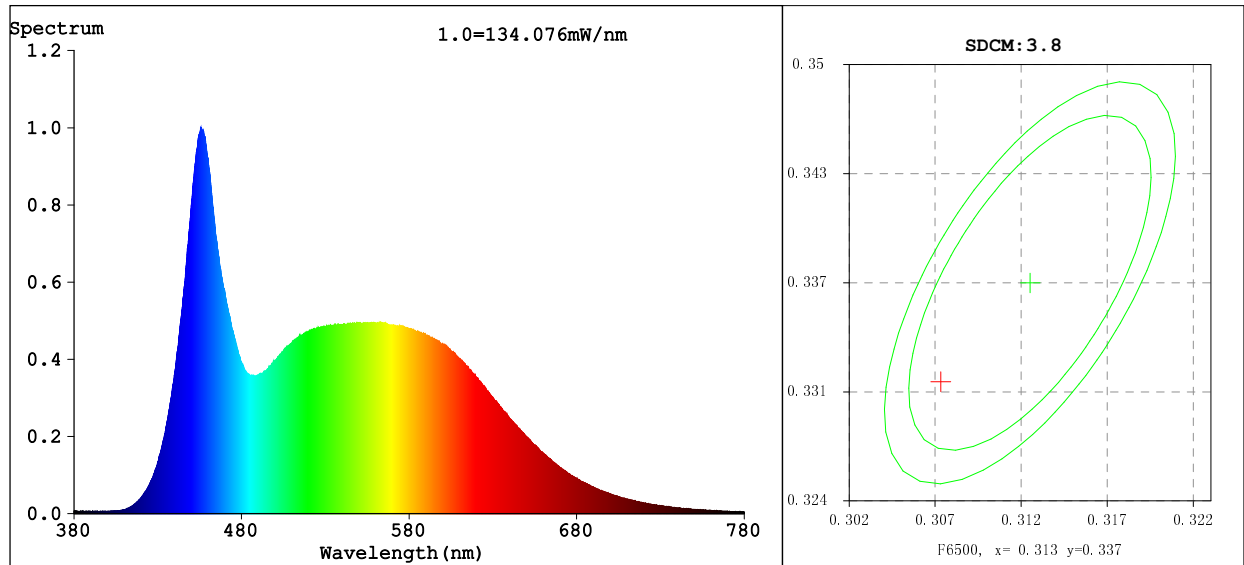
Status: Integral T = 30 ms Ip = 16082 (25%)

GBT5702

Model:TB40W 3000K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:
 Date:2023-07-06 10:07:32
 Humidity:65.0%
 Remarks:

Spectrum Test Report

**Color Parameters:**

Chromaticity Coordinate: $x=0.3078$ $y=0.3312$ / $u'=0.1936$ $v'=0.4688$
 CCT=6753K (Duv=0.0068) Dominant WL:Ld =490.7nm WL:Lc = --nm Purity=8.8%
 Ratio:R=13.3% G=79.9% B=6.8% Peak WL:Lp=455.9nm FWHM=29.7nm
 Render Index:Ra=85.4 AvgR=79.2 TM30:Rf=85 Rg=92

R1 =84 R2 =93 R3 =95 R4 =81 R5 =84 R6 =89 R7 =87
 R8 =71 R9 =15 R10=83 R11=81 R12=62 R13=87 R14=98 R15=78

Photo Parameters:

Flux = 4427 lm Eff. : 104.50 lm/W Fe = 14.55 W

Electrical parameters:

V = 232.81 V I = 0.1850 A P = 42.36 W PF = 0.9833

LEVEL:OUT WHITE:ANSI_6500K

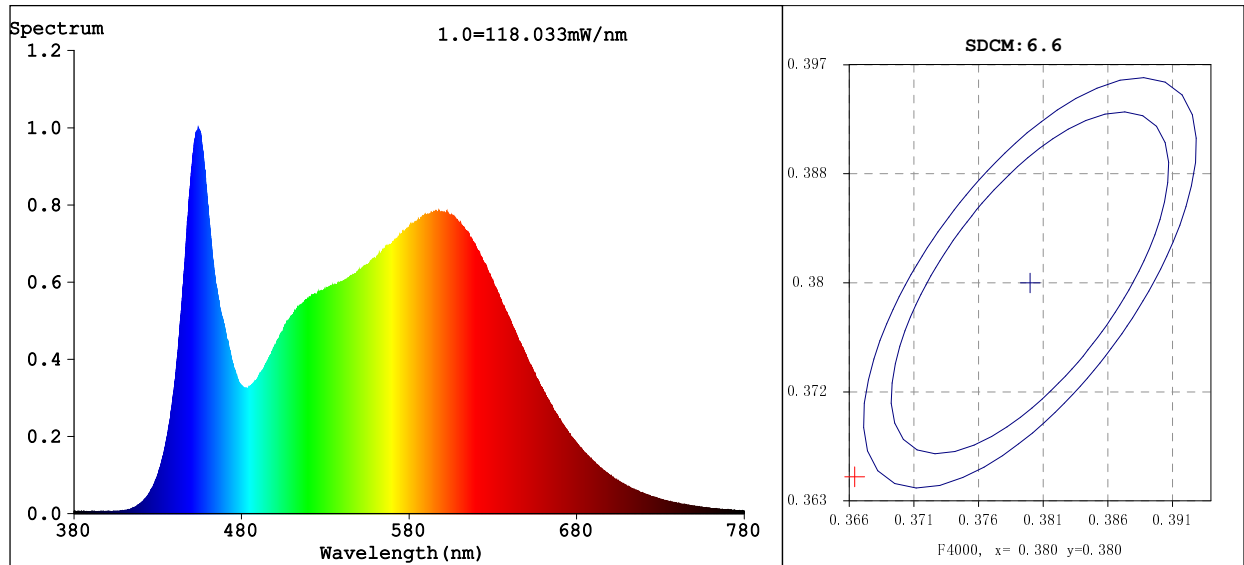
Status: Integral T = 30 ms Ip = 18606 (28%)

GBT5702

Model:TB40W 6500K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:
 Date:2023-07-06 10:08:42
 Humidity:65.0%
 Remarks:

Spectrum Test Report

**Color Parameters:**

Chromaticity Coordinate: $x=0.3664$ $y=0.3650$ $u'=0.2205$ $v'=0.4942$
 CCT=4326K (Duv=-0.0012) Dominant WL:Ld =578.6nm WL:Lc = --nm Purity=19.5%
 Ratio:R=18.2% G=77.3% B=4.6% Peak WL:Lp=454.2nm FWHM=25.6nm
 Render Index:Ra=87.2 AvgR=82.0 TM30:Rf=86 Rg=96

R1 =87 R2 =94 R3 =96 R4 =85 R5 =87 R6 =91 R7 =87
 R8 =70 R9 =25 R10=86 R11=85 R12=66 R13=90 R14=99 R15=82

Photo Parameters:

Flux = 5451 lm Eff. : 134.57 lm/W Fe = 17.07 W

Electrical parameters:

V = 232.85 V I = 0.1773 A P = 40.51 W PF = 0.9810

LEVEL:OUT WHITE:ANSI_4500K

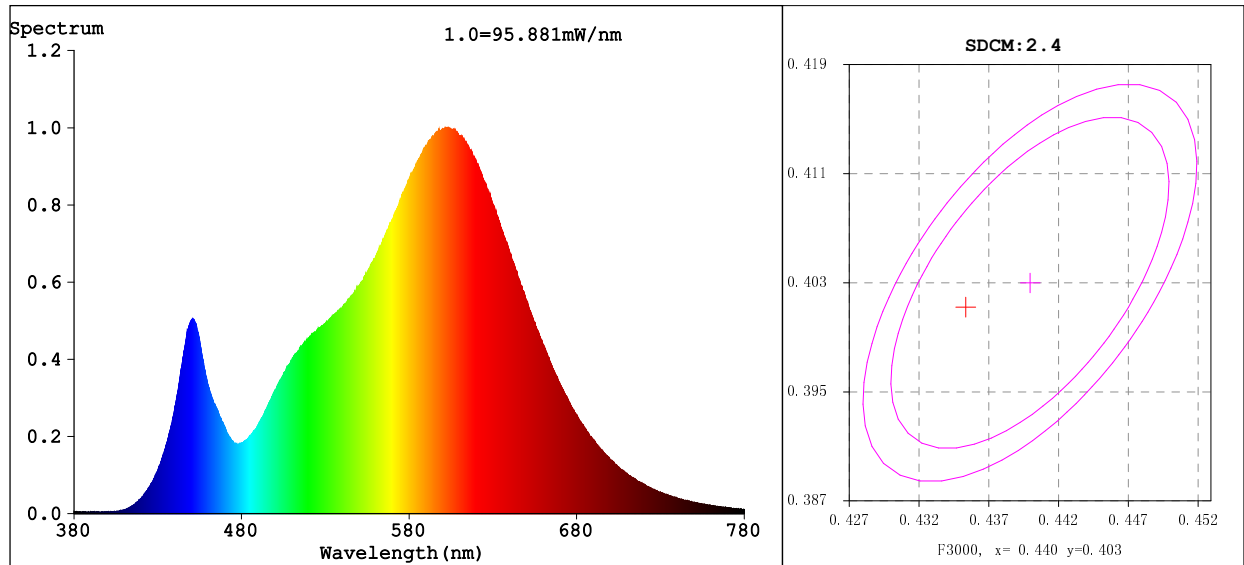
Status: Integral T = 30 ms Ip = 16245 (25%)

GBT5702

Model:TB40W 4000K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:
 Date:2023-07-06 10:06:24
 Humidity:65.0%
 Remarks:

Spectrum Test Report

**Color Parameters:**

Chromaticity Coordinate: $x=0.4354$ $y=0.4013$ $u'=0.2508$ $v'=0.5200$
 CCT=3003K (Duv=-0.0009) Dominant WL:Ld =583.1nm WL:Lc = --nm Purity=51.1%
 Ratio:R=22.8% G=74.6% B=2.6% Peak WL:Lp=601.5nm FWHM=122.9nm
 Render Index:Ra=81.9 AvgR=76.3 TM30:Rf=83 Rg=96

R1 =80 R2 =91 R3 =96 R4 =80 R5 =81 R6 =89 R7 =82
 R8 =57 R9 =2 R10=79 R11=80 R12=74 R13=83 R14=98 R15=72

Photo Parameters:

Flux = 4619 lm Eff. : 108.03 lm/W Fe = 13.97 W

Electrical parameters:

V = 232.83 V I = 0.1869 A P = 42.76 W PF = 0.9827

LEVEL:OUT WHITE:ANSI_3000K

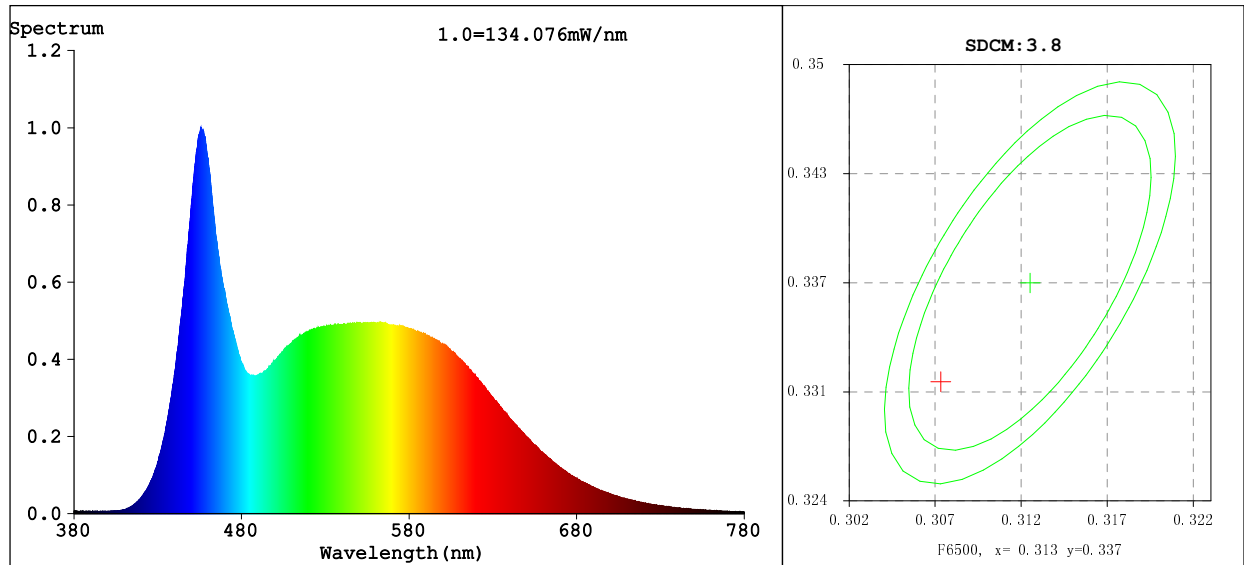
Status: Integral T = 30 ms Ip = 16082 (25%)

GBT5702

Model:TB40W 3000K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:
 Date:2023-07-06 10:07:32
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3078$ $y=0.3312$ / $u'=0.1936$ $v'=0.4688$
 CCT=6753K (Duv=0.0068) Dominant WL:Ld =490.7nm WL:Lc = --nm Purity=8.8%
 Ratio:R=13.3% G=79.9% B=6.8% Peak WL:Lp=455.9nm FWHM=29.7nm
 Render Index:Ra=85.4 AvgR=79.2 TM30:Rf=85 Rg=92

R1 =84 R2 =93 R3 =95 R4 =81 R5 =84 R6 =89 R7 =87
 R8 =71 R9 =15 R10=83 R11=81 R12=62 R13=87 R14=98 R15=78

Photo Parameters:

Flux = 4427 lm Eff. : 104.50 lm/W Fe = 14.55 W

Electrical parameters:

V = 232.81 V I = 0.1850 A P = 42.36 W PF = 0.9833

LEVEL:OUT WHITE:ANSI_6500K

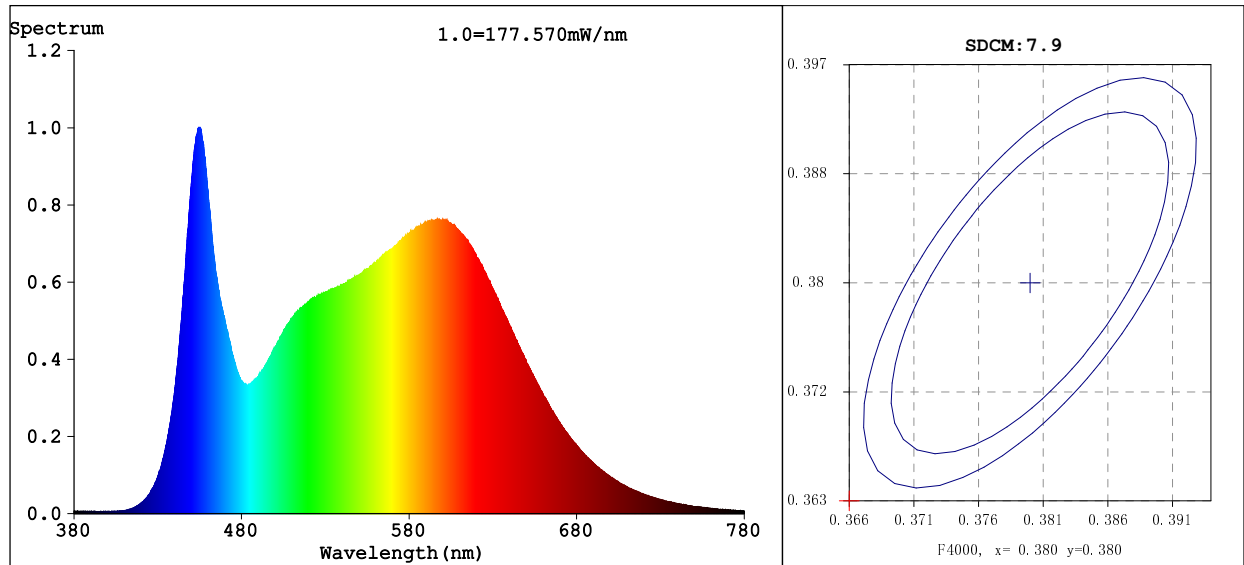
Status: Integral T = 30 ms Ip = 18606 (28%)

GBT5702

Model:TB40W 6500K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:
 Date:2023-07-06 10:08:42
 Humidity:65.0%
 Remarks:

Spectrum Test Report

**Color Parameters:**

Chromaticity Coordinate: $x=0.3635$ $y=0.3630$ $u'=0.2193$ $v'=0.4928$
 CCT=4410K (Duv=-0.0012) Dominant WL:Ld =578.2nm WL:Lc = --nm Purity=18.0%
 Ratio:R=18.0% G=77.3% B=4.7% Peak WL:Lp=454.5nm FWHM=26.1nm
 Render Index:Ra=87.2 AvgR=82.2 TM30:Rf=86 Rg=95

R1 =87 R2 =95 R3 =96 R4 =85 R5 =87 R6 =91 R7 =87
 R8 =70 R9 =26 R10=87 R11=85 R12=66 R13=90 R14=99 R15=82

Photo Parameters:

Flux = 8050 lm Eff. : 138.70 lm/W Fe = 25.29 W

Electrical parameters:

V = 232.58 V I = 0.2542 A P = 58.04 W PF = 0.9815

LEVEL:OUT WHITE:ANSI_4500K

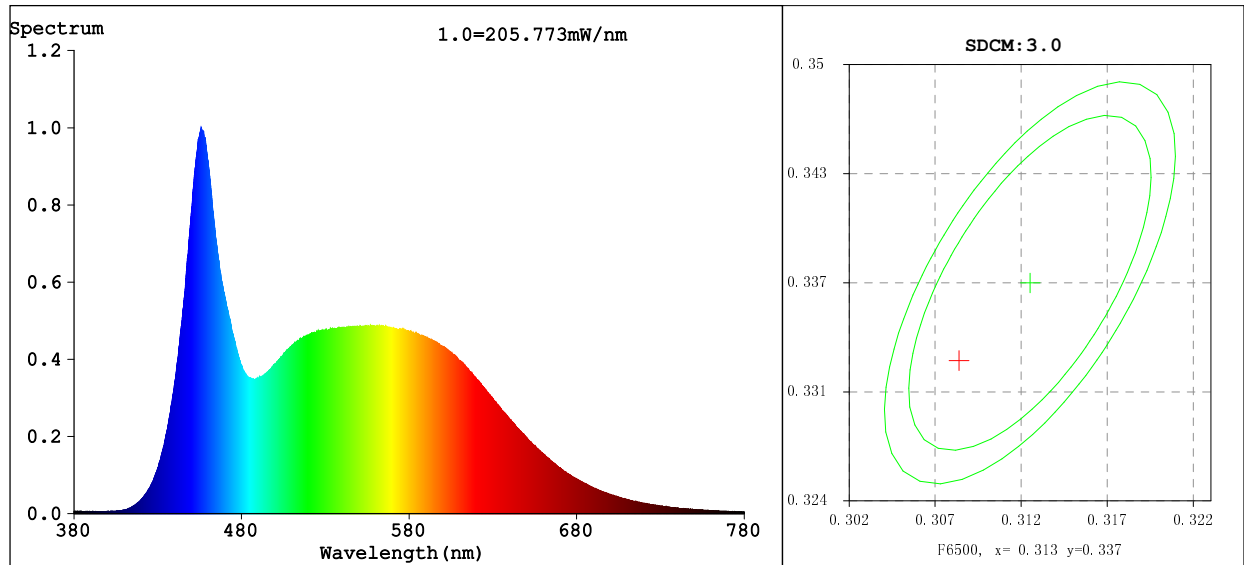
Status: Integral T = 30 ms Ip = 24566 (37%)

GBT5702

Model:TB60W 4000K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:
 Date:2023-07-06 09:57:57
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3089$ $y=0.3325$ $u'=0.1939$ $v'=0.4696$
 CCT=6683K (Duv=0.0069) Dominant WL:Ld =491.3nm WL:Lc = --nm Purity=8.3%
 Ratio:R=13.4% G=79.9% B=6.8% Peak WL:Lp=455.9nm FWHM=28.8nm
 Render Index:Ra=85.4 AvgR=79.1 TM30:Rf=85 Rg=92

R1 =84 R2 =93 R3 =95 R4 =81 R5 =84 R6 =89 R7 =87
 R8 =70 R9 =15 R10=83 R11=81 R12=62 R13=87 R14=98 R15=78

Photo Parameters:

Flux = 6682 lm Eff. : 110.35 lm/W Fe = 21.88 W

Electrical parameters:

V = 232.53 V I = 0.2651 A P = 60.55 W PF = 0.9823

LEVEL:OUT WHITE:ANSI_6500K

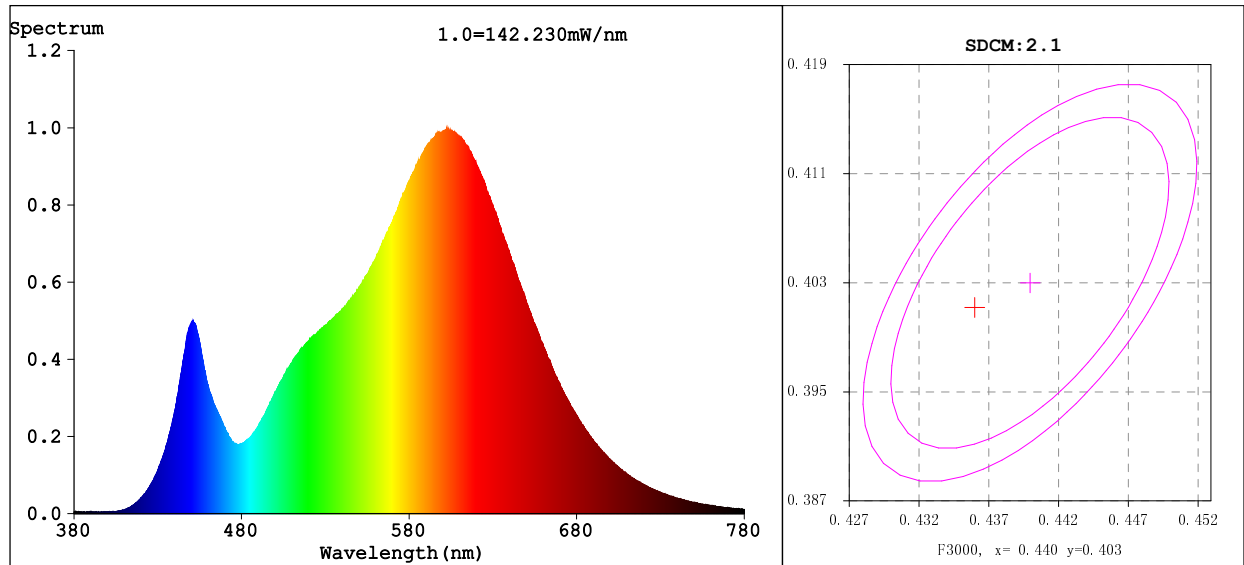
Status: Integral T = 30 ms Ip = 28517 (44%)

GBT5702

Model:TB60W 6500K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:
 Date:2023-07-06 10:00:35
 Humidity:65.0%
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4360$ $y=0.4012$ / $u'=0.2512$ $v'=0.5201$
 CCT=2992K (Duv=-0.0010) Dominant WL:Ld =583.2nm WL:Lc = --nm Purity=51.3%
 Ratio:R=22.9% G=74.6% B=2.5% Peak WL:Lp=602.5nm FWHM=122.4nm
 Render Index:Ra=81.7 AvgR=76.1 TM30:Rf=83 Rg=96

R1 =80 R2 =91 R3 =96 R4 =80 R5 =81 R6 =89 R7 =81
 R8 =56 R9 =2 R10=79 R11=79 R12=74 R13=83 R14=98 R15=72

Photo Parameters:

Flux = 6802 lm Eff. : 111.13 lm/W Fe = 20.57 W

Electrical parameters:

V = 232.62 V I = 0.2678 A P = 61.20 W PF = 0.9826

LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 30 ms Ip = 23748 (36%)

GBT5702

Model:TB60W 3000K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:
 Date:2023-07-06 10:01:46
 Humidity:65.0%
 Remarks:



EU DECLARATION OF CONFORMITY

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

Declaration Number:

00101 – SBTMW4 / SBTMW5 / SBTMW6

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

Products:

LED CCT Multi Watt Batten 4ft, 5ft, 6ft

Model Number:

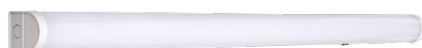
SBTMW4 / SBTMW5 / SBTMW6

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

Directive 2014/35/EU – Low Voltage Directive
(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:

IEC 61347-1:2015, IEC 61347-1:2015/AMD1:2017, IEC 61347-2-7:2011,
IEC 61347-2-7:2011/AMD1:2017, BS EN 60598-1:2015+A1:2018,
BS 4533-102.1:1990 (EN 60598-2-1:1989)
BS EN 62031:2008+A1:2013+A2:2015, BS EN 62471:2008,
BS EN 62493:2015, EN 60598-1:2015+A1:2018, EN 60598-2-1:1989,
EN IEC 62031:2020, EN 62493:2015, EN 62471:2008,
EN IEC 55015:2019+A11:2020, EN 61547:2009,
EN IEC 61000-3-3:2013+A1:2019, BS EN IEC 55015:2019+A11:2020,
BS EN 61547:2009, BS EN IEC 61000-3-3:2013+A1:2019



Signed:

Date: 29/08/23

Place of Issue: Republic of Ireland

