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: SBAT20W

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:	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	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)	2 400 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	2 700 or 3 000 or 4 000 or 6 500
On-mode power (P_{on}), expressed in W	20,0	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: 26	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 75		
	Depth: 600		

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)	0,369 0,368
Parameters for LED and OLED light sources:				
R9 colour rendering index value		25	Survival factor	1,00
the lumen maintenance factor		1,00		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,97	Colour consistency in McAdam ellipses	5
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)	0,0

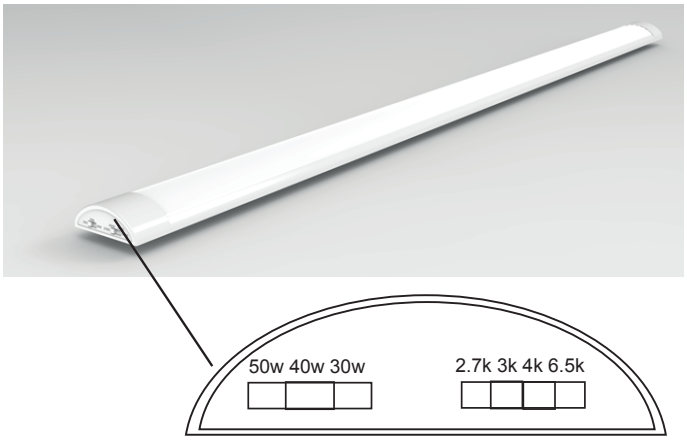
[a] '-' : not applicable;

[b] '-' : not applicable;

LED MULTI WATT CCT BATTEN RANGE
Instruction Manual

Product Code:	Multi Watt:	CCT:	Luminous Efficacy:	Size :
SBAT-50W	50w, 40w, 30w	2700k, 3000k, 4000k, 6500k	120Lm/W	1500mm
SBAT-40W	40w, 30w, 20w	2700k, 3000k, 4000k, 6500k	120Lm/W	1200mm
SBAT-30W	30w, 20w, 15w	2700k, 3000k, 4000k, 6500k	120Lm/W	900mm
SBAT-20W	20w, 15w, 10w	2700k, 3000k, 4000k, 6500k	120Lm/W	600mm

FEATURES:
- Multi Watt
- CCT
- Light Source: SMD2835
- Voltage: AC220~240V
- CRI: >80Ra
- Beam Angle: 120°
- Class II
- IP Rating: IP40
- 54000 Hrs
- Operating Temperature: -20~45°C
- Mounting: Surface/Suspended
- Warranty: 3 years
- Material: PC diffuser, Aluminium Heatsink



CCT Switch and Multi Watt Switch

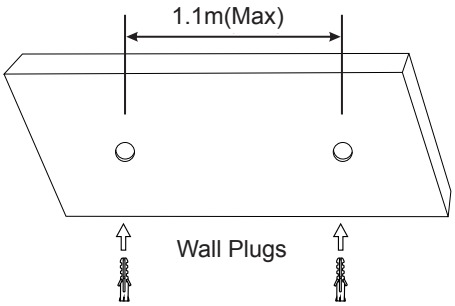
Installation Instructions

WARNING: This product should be fitted by a qualified Electrician. Do not use if fitting is damaged. Make sure mains power is switched OFF before commencing installation.

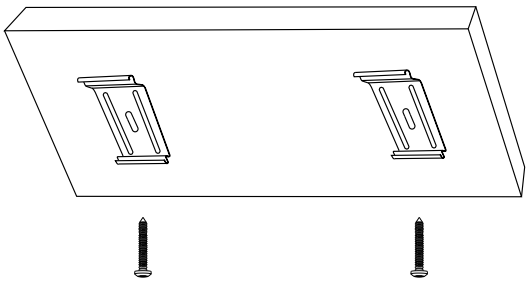
Surface Mounting

Supplied: 2 x brackets, 2 x pre-drilled screws, 2 x screws, 1 x connector

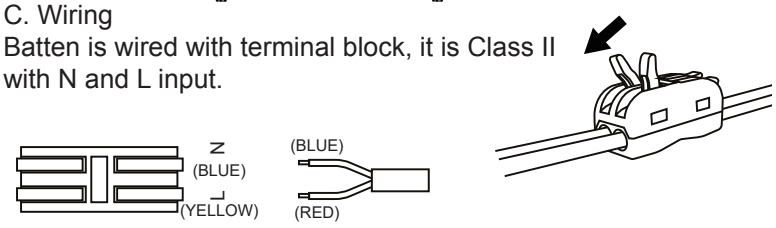
A. Drill marked holes in the ceiling surface. The maximum distance of the two pre-drilled holes of brackets are:
600mm Batten = 470mm,
900mm Batten = 770mm,
1200 Batten = 1070mm,
1500mm Batten = 1370mm
Gently knock the provided plastic wall plugs into the pre-drilled holes, ensuring the plastic tubes are flush with the mounting surface.



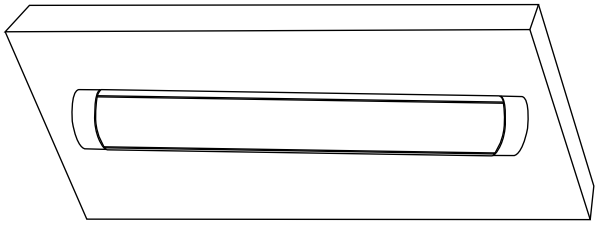
B. Take the flush mounting clips and line up the fixing holes with the pre-drilled location holes in the ceiling. The pre-drilled screws are 6mm diameter and 25mm long
Fix both flush mounting clips using the screws provided.

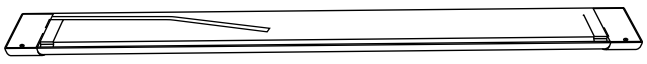


C. Wiring
Batten is wired with terminal block, it is Class II with N and L input.



D. Clip the Batten onto the flush mounted clips.
Note: Ensure installation is correct before switching on the fitting

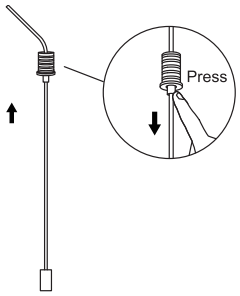




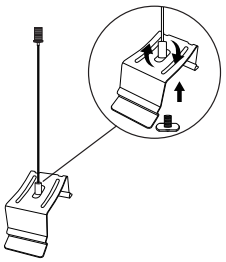
Suspension Mounting

Supplied: 2 x brackets, 2 x pre-drilled screws, 2 x screws, 1 x connector

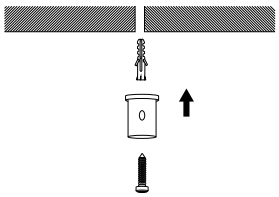
A. Insert ropes (not provided) into the clips and adjust the length



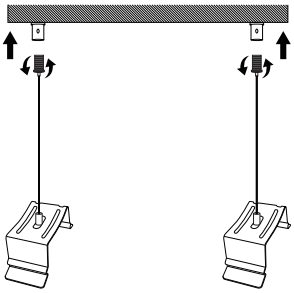
B. Insert ropes into the screw nuts



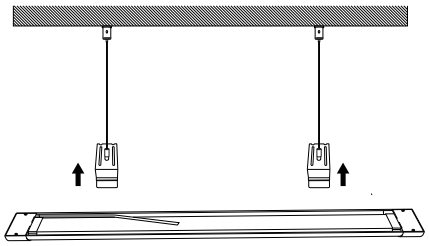
C. Drill holes in the ceiling and screw in the wall plugs



D. Screw the nuts into the wall plugs

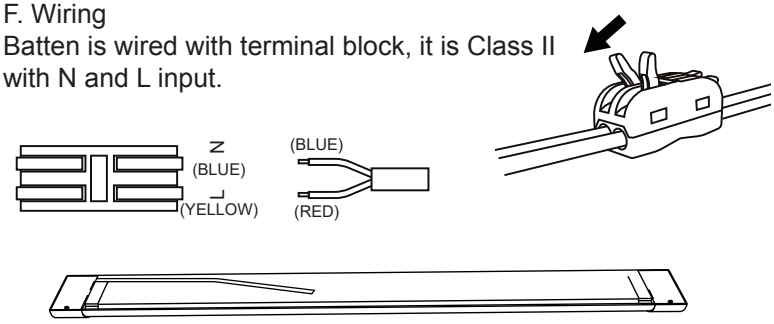


E. Clip the Batten onto the clips



F. Wiring

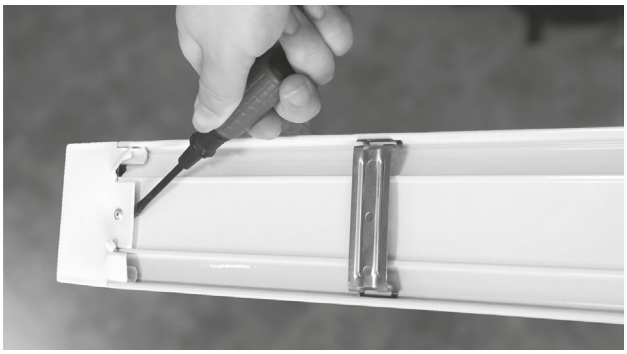
Batten is wired with terminal block, it is Class II with N and L input.



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 of 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 instructions 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.

Contact www.weeeireland.ie or your local council for further information.



1. Use screwdriver to unscrew and open the back cover of the fitting

2. Remove diffuser to locate driver
3. After removing driver, please recycle all parts accordingly

Non-Replaceable Light Source

For more information contact:

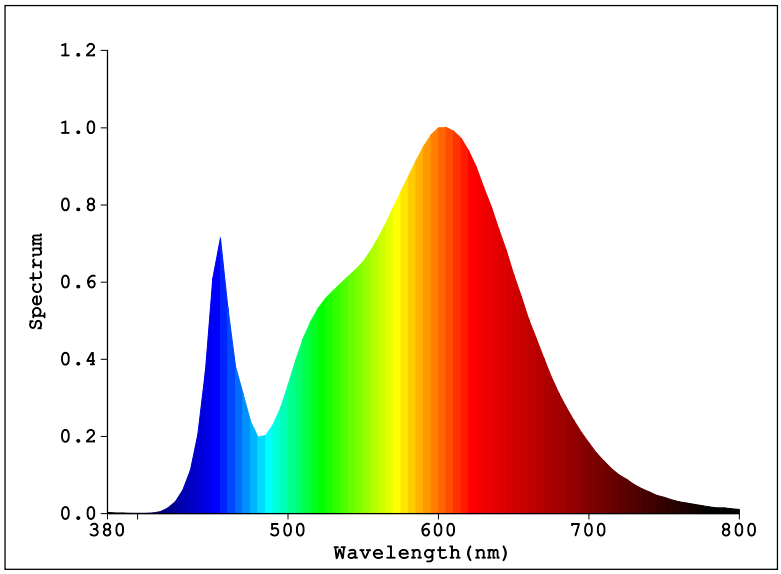
Solas Geal Distribution

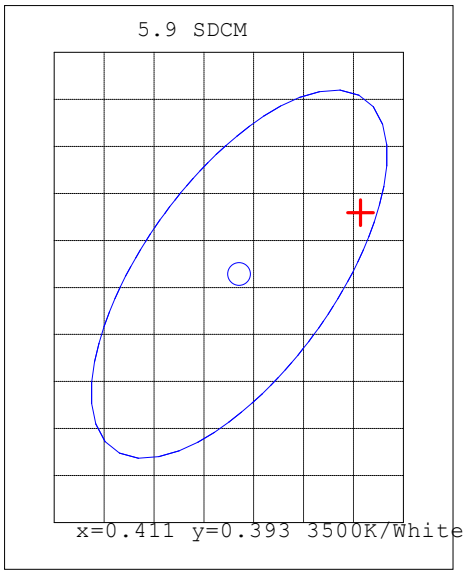
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58,
Phone: 00353 1 835 7447
Unit 32 Junction One Business Park, Valley Road, Birkenhead, Merseyside, UK, CH41 7ED,
UK Ph: 0330 551 7000
Website: www.sgd.ie

3 years Quality Assurance · IP40 · ErP COMPLIANT · UK CA · CE · RoHS COMPLIANT

SBAT-20W -20W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4235(dx=-0.0019) y=0.3983(dy=0.0131)

Chromaticity Coordinate:u'=0.2444 v'=0.5171(duv=-3.20e-04)

Tc=3191K Dominant WL:Ld=582.2nm Purity=46.7% Centroid WL:588.0nm

Ratio:R=23.9% G=73.7% B=2.5% Peak WL:Lp=605.0nm HWL:144.9nm

Render Index:Ra=85.2

R1 =84	R2 =92	R3 =97	R4 =84	R5 =84	R6 =90	R7 =86	
R8 =65	R9 =20	R10=81	R11=84	R12=68	R13=86	R14=99	R15=78

Photo Parameters:

Flux: 2116.7 lm Fe: 6.5765 W Efficacy:106.1 lm/W

WHITE:ANSI_3000K

Electrical Parameters:

Luminaire: U=236.8V I=0.08972A P=19.95W PF=0.9393

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=16488(G=3,D=54)

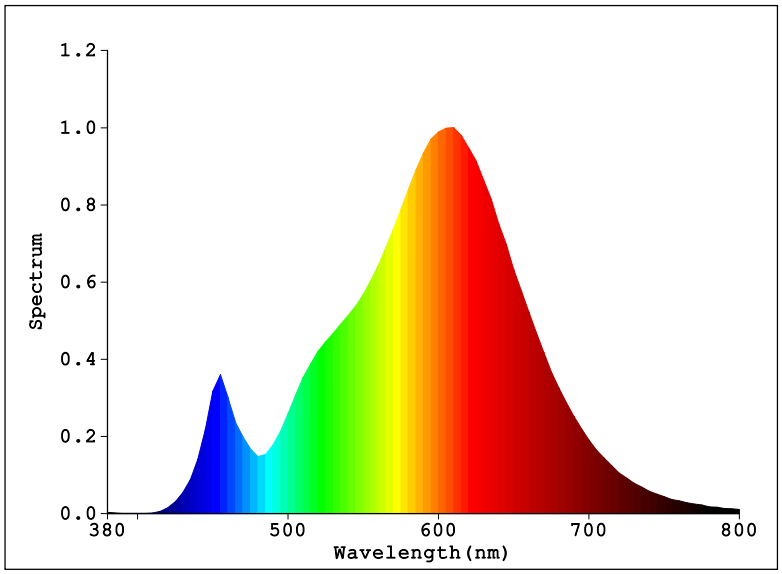
REF=33548(R=4) %=0.000% PMT: 21.3 centigrade [28.9]

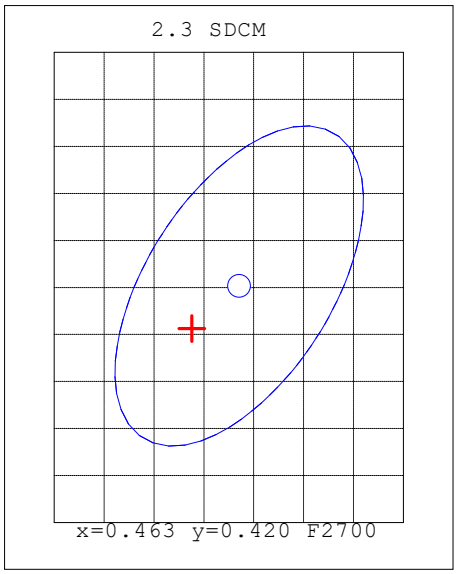
Product Type:LIGHT
Number:N-00001
Temperature:25.3 deg
Test Operator:SGD LTD
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD
Humidity:65.0%
Test Date:2024-02-28 11:41:22
Instrument:PMS-80 (SN:11050034)

SBAT-20W -20W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4589(dx=-0.0019) y=0.4163(dy=0.0131)

Chromaticity Coordinate:u'=0.2593 v'=0.5294(duv=2.20e-03)

Tc=2758K Dominant WL:Ld=583.2nm Purity=62.7% Centroid WL:597.0nm

Ratio:R=26.3% G=71.9% B=1.8% Peak WL:Lp=610.0nm HWL:125.1nm

Render Index:Ra=82.4

R1 =80	R2 =90	R3 =97	R4 =80	R5 =80	R6 =89	R7 =83	
R8 =59	R9 =8	R10=78	R11=79	R12=69	R13=82	R14=99	R15=73

Photo Parameters:

Flux: 1895.7 lm Fe: 5.8595 W Efficacy:94.56 lm/W

WHITE:ANSI_2700K

Electrical Parameters:

Luminaire: U=236.7V I=0.08998A P=20.05W PF=0.9413

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=47464(G=4,D=87)

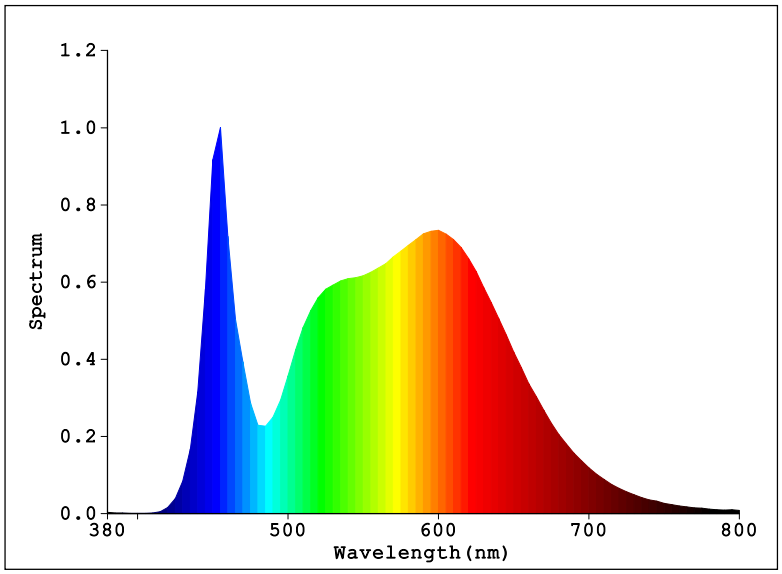
REF=30198(R=4) %=0.000% PMT: 20.8 centigrade [29.0]

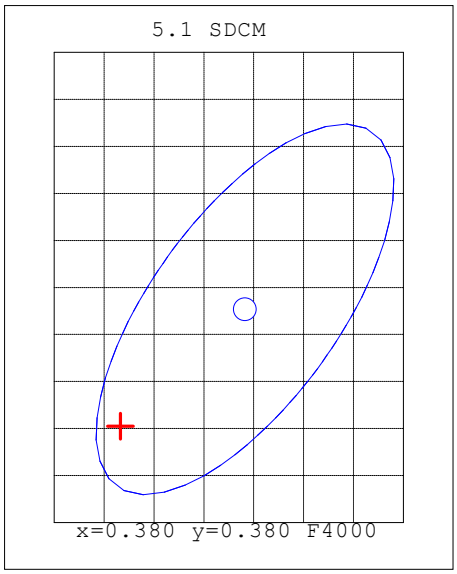
Product Type:LIGHT
Number:N-00002
Temperature:25.3 deg
Test Operator:SGD LTD
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD
Humidity:65.0%
Test Date:2024-02-28 11:43:42
Instrument:PMS-80 (SN:11050034)

SBAT-20W -20W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3692(dx=-0.0019) y=0.3689(dy=0.0131)

Chromaticity Coordinate:u'=0.2208 v'=0.4964(duv=-2.63e-04)

Tc=4268K Dominant WL:Ld=578.2nm Purity=21.5% Centroid WL:567.0nm

Ratio:R=19.7% G=76.8% B=3.5% Peak WL:Lp=455.0nm HWL:21.6nm

Render Index:Ra=86.7

R1 =87	R2 =92	R3 =94	R4 =86	R5 =86	R6 =87	R7 =89	
R8 =73	R9 =29	R10=78	R11=86	R12=59	R13=88	R14=97	R15=82

Photo Parameters:

Flux: 2293.8 lm Fe: 7.2069 W Efficacy:120.5 lm/W

WHITE:ANSI_4500K

Electrical Parameters:

Luminaire: U=237.2V I=0.08542A P=19.03W PF=0.9391

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=29386(G=3,D=54)

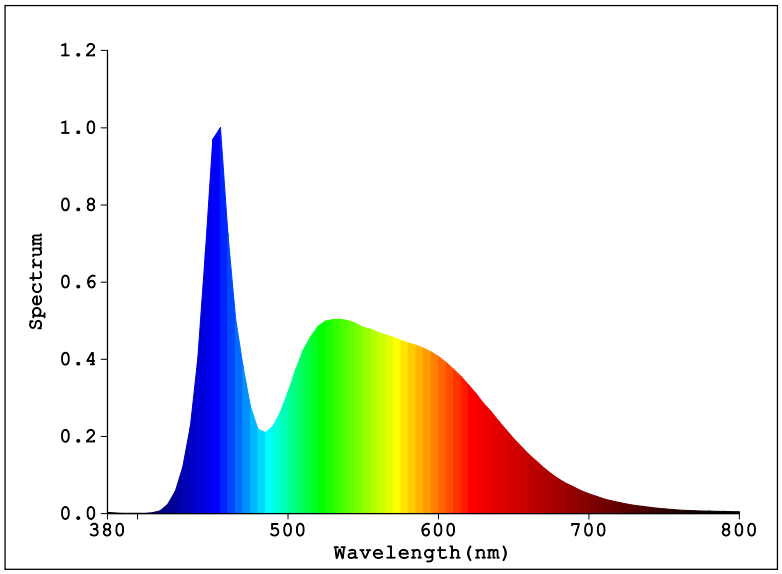
REF=36054(R=4) %=0.000% PMT: 20.9 centigrade [29.0]

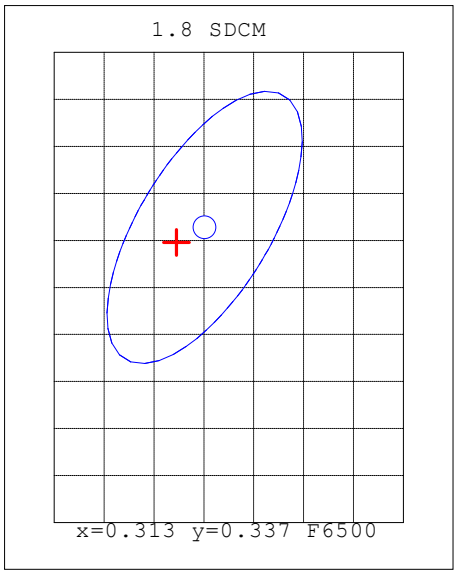
Product Type:LIGHT
Number:N-00003
Temperature:25.3 deg
Test Operator:SGD LTD
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD
Humidity:65.0%
Test Date:2024-02-28 11:46:06
Instrument:PMS-80 (SN:11050034)

SBAT-20W -20W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3106(dx=-0.0019) y=0.3357(dy=0.0131)

Chromaticity Coordinate:u'=0.1939 v'=0.4716(duv=7.65e-03)

Tc=6567K Dominant WL:Ld=493.1nm Purity=7.5% Centroid WL:539.0nm

Ratio:R=14.3% G=80.8% B=4.9% Peak WL:Lp=455.0nm HWL:23.5nm

Render Index:Ra=82.9

R1 =81	R2 =86	R3 =89	R4 =83	R5 =81	R6 =81	R7 =90	
R8 =72	R9 =10	R10=67	R11=81	R12=53	R13=82	R14=94	R15=76

Photo Parameters:

Flux: 2114.9 lm Fe: 6.7799 W Efficacy:105.7 lm/W

WHITE:ANSI_6500K

Electrical Parameters:

Luminaire: U=236.9V I=0.08983A P=20.00W PF=0.9399

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=38787(G=3,D=53)

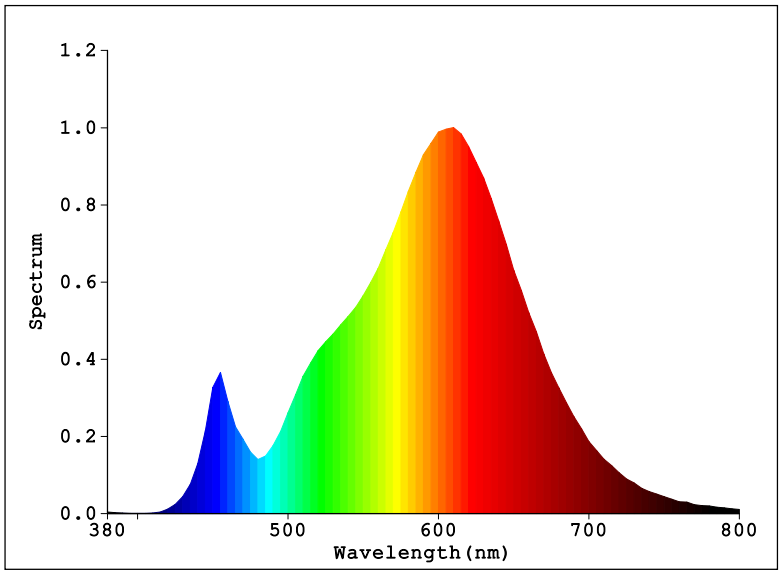
REF=32912(R=4) %=0.000% PMT: 22.4 centigrade [29.0]

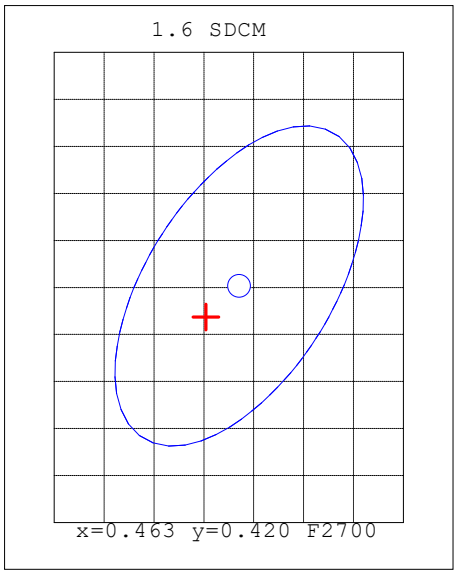
Product Type:LIGHT
Number:N-00005
Temperature:25.3 deg
Test Operator:SGD LTD
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD
Humidity:65.0%
Test Date:2024-02-28 11:49:58
Instrument:PMS-80 (SN:11050034)

SBAT-20W -15W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4601(dx=-0.0020) y=0.4173(dy=0.0140)

Chromaticity Coordinate:u'=0.2597 v'=0.5299(duv=2.45e-03)

Tc=2749K Dominant WL:Ld=583.2nm Purity=63.4% Centroid WL:597.0nm

Ratio:R=26.4% G=71.8% B=1.8% Peak WL:Lp=610.0nm HWL:124.6nm

Render Index:Ra=82.7

R1 =81	R2 =90	R3 =98	R4 =81	R5 =80	R6 =89	R7 =84	
R8 =59	R9 =9	R10=78	R11=80	R12=69	R13=83	R14=99	R15=73

Photo Parameters:

Flux: 1563.4 lm Fe: 4.8292 W Efficacy:102.5 lm/W

WHITE:ANSI_2700K

Electrical Parameters:

Luminaire: U=233.0V I=0.07145A P=15.26W PF=0.9166

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=39272(G=4,D=194)

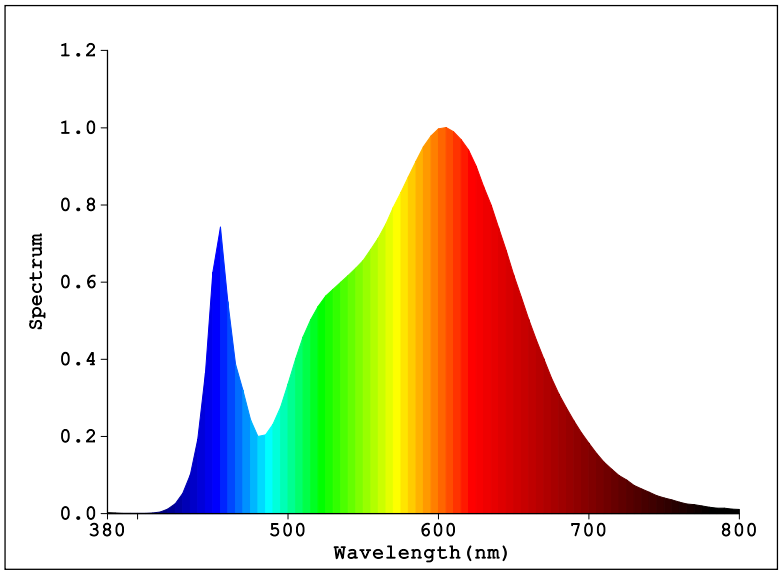
REF=24924(R=4) %=0.000% PMT: 19.9 centigrade [29.1]

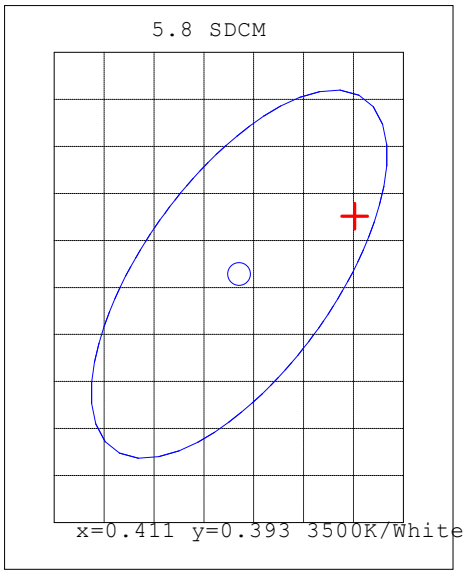
Product Type:LIGHT
Number:N-00001
Temperature:25.3 deg
Test Operator:SGD LTD
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD
Humidity:65.0%
Test Date:2024-02-28 13:50:58
Instrument:PMS-80 (SN:11050034)

SBAT-20W -15W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4226(dx=-0.0020) y=0.3980(dy=0.0140)

Chromaticity Coordinate:u'=0.2439 v'=0.5168(duv=-2.81e-04)

Tc=3207K Dominant WL:Ld=582.1nm Purity=46.3% Centroid WL:587.0nm

Ratio:R=23.8% G=73.7% B=2.5% Peak WL:Lp=605.0nm HWL:145.6nm

Render Index:Ra=85.5

R1 =85	R2 =92	R3 =97	R4 =84	R5 =84	R6 =90	R7 =86	
R8 =66	R9 =21	R10=81	R11=84	R12=67	R13=87	R14=99	R15=78

Photo Parameters:

Flux: 1704.6 lm Fe: 5.2931 W Efficacy:112.2 lm/W

WHITE:ANSI_3000K

Electrical Parameters:

Luminaire: U=232.8V I=0.07118A P=15.19W PF=0.9168

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=13780(G=3,D=60)

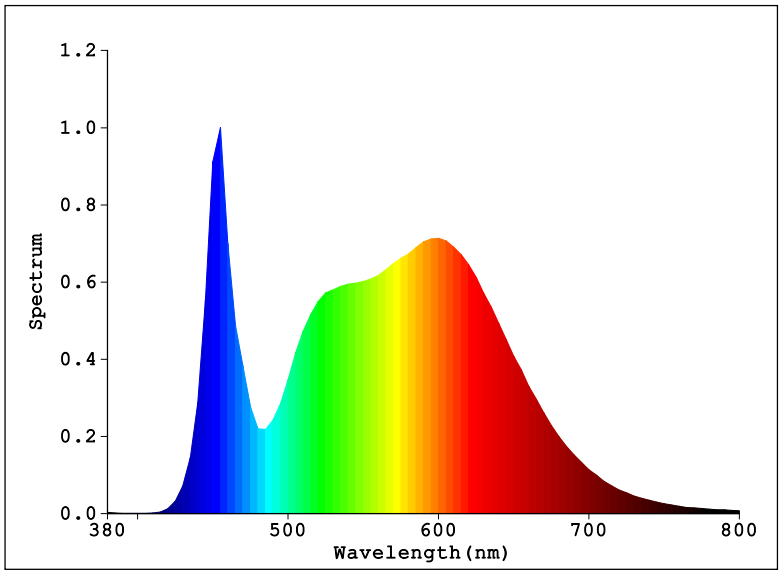
REF=27031(R=4) %=0.000% PMT: 20.5 centigrade [29.2]

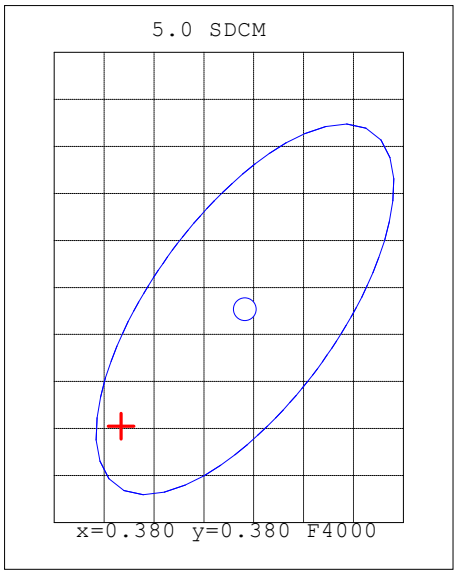
Product Type:LIGHT
Number:N-00003
Temperature:25.3 deg
Test Operator:SGD LTD
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD
Humidity:65.0%
Test Date:2024-02-28 14:00:28
Instrument:PMS-80 (SN:11050034)

SBAT-20W -15W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3693(dx=-0.0020) y=0.3696(dy=0.0140)

Chromaticity Coordinate:u'=0.2206 v'=0.4967(duv=6.36e-05)

Tc=4270K Dominant WL:Ld=577.9nm Purity=21.7% Centroid WL:567.0nm

Ratio:R=19.6% G=76.8% B=3.5% Peak WL:Lp=455.0nm HWL:20.7nm

Render Index:Ra=86.8

R1 =87	R2 =92	R3 =94	R4 =87	R5 =86	R6 =87	R7 =90	
R8 =73	R9 =30	R10=79	R11=86	R12=59	R13=88	R14=97	R15=82

Photo Parameters:

Flux: 1819.5 lm Fe: 5.7061 W Efficacy:125.4 lm/W

WHITE:ANSI_4500K

Electrical Parameters:

Luminaire: U=233.4V I=0.06825A P=14.51W PF=0.9111

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=23882(G=3,D=58)

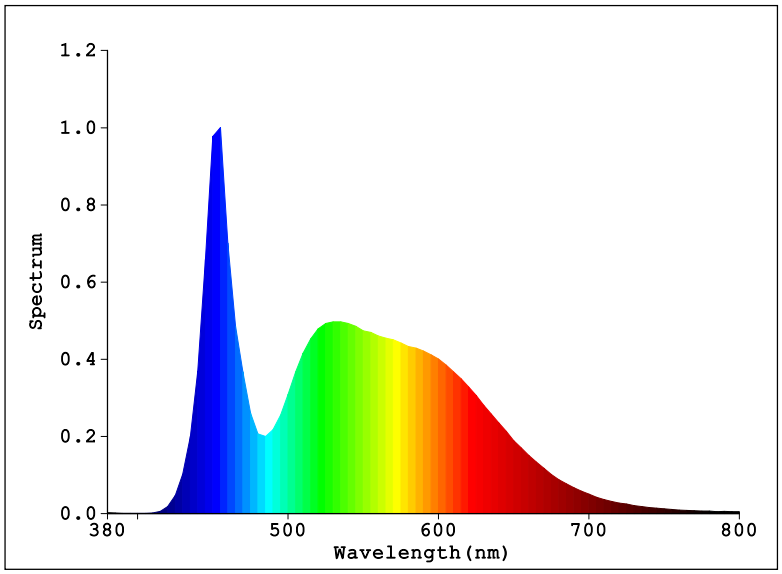
REF=28617(R=4) %=0.000% PMT: 20.9 centigrade [29.2]

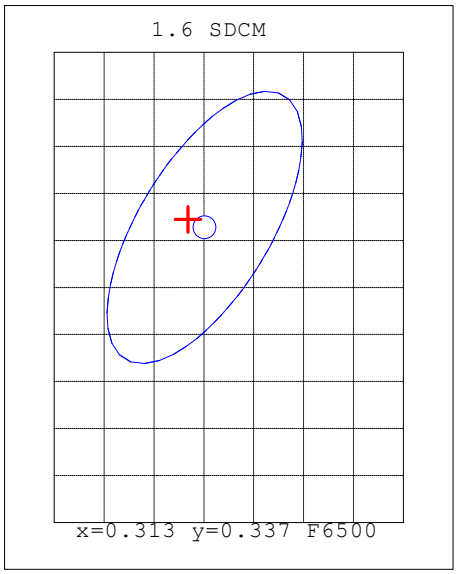
Product Type:LIGHT
Number:N-00004=
Temperature:25.3 deg=
Test Operator:SGD LTD=
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD
Humidity:65.0%
Test Date:2024-02-28 14:02:45=
Instrument:PMS-80 (SN:11050034)

SBAT-20W -15W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3116(dx=-0.0020) y=0.3377(dy=0.0140)

Chromaticity Coordinate:u'=0.1939 v'=0.4727(duv=8.13e-03)

Tc=6500K Dominant WL:Ld=494.3nm Purity=7.1% Centroid WL:540.0nm

Ratio:R=14.3% G=80.9% B=4.8% Peak WL:Lp=455.0nm HWL:22.4nm

Render Index:Ra=82.6

R1 =81	R2 =86	R3 =89	R4 =83	R5 =81	R6 =81	R7 =90	
R8 =71	R9 =9	R10=66	R11=81	R12=52	R13=82	R14=94	R15=76

Photo Parameters:

Flux: 1727.9 lm Fe: 5.5084 W Efficacy:113.7 lm/W

WHITE:ANSI_6500K

Electrical Parameters:

Luminaire: U=233.5V I=0.07101A P=15.20W PF=0.9168

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=32240(G=3,D=57)

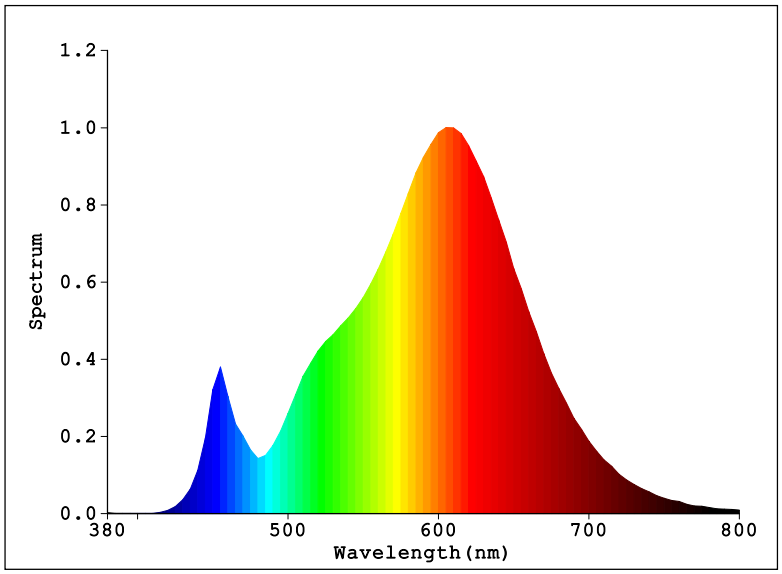
REF=26908(R=4) %=0.000% PMT: 21.0 centigrade [29.3]

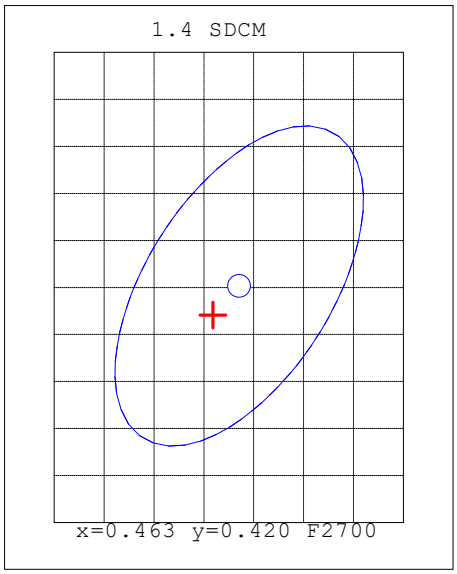
Product Type:LIGHT
Number:N-00005
Temperature:25.3 deg
Test Operator:SGD LTD
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD
Humidity:65.0%
Test Date:2024-02-28 14:04:58
Instrument:PMS-80 (SN:11050034)

SBAT-20W -10W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4607(dx=-0.0019) y=0.4175(dy=0.0148)

Chromaticity Coordinate:u'=0.2600 v'=0.5301(duv=2.46e-03)

Tc=2741K Dominant WL:Ld=583.2nm Purity=63.6% Centroid WL:597.0nm

Ratio:R=26.5% G=71.6% B=1.8% Peak WL:Lp=605.0nm HWL:123.9nm

Render Index:Ra=83.0

R1 =81	R2 =91	R3 =97	R4 =81	R5 =81	R6 =89	R7 =84	
R8 =60	R9 =10	R10=79	R11=80	R12=69	R13=83	R14=99	R15=73

Photo Parameters:

Flux: 1115.7 lm Fe: 3.4433 W Efficacy:107.2 lm/W

WHITE:ANSI_2700K

Electrical Parameters:

Luminaire: U=233.2V I=0.05584A P=10.41W PF=0.7996

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=27735(G=4,D=101)

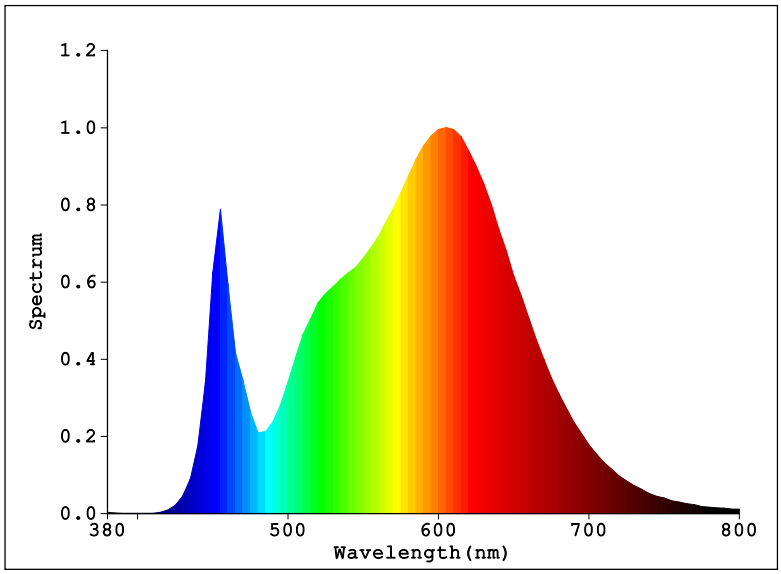
REF=17817(R=4) %=0.000% PMT: 20.8 centigrade [29.3]

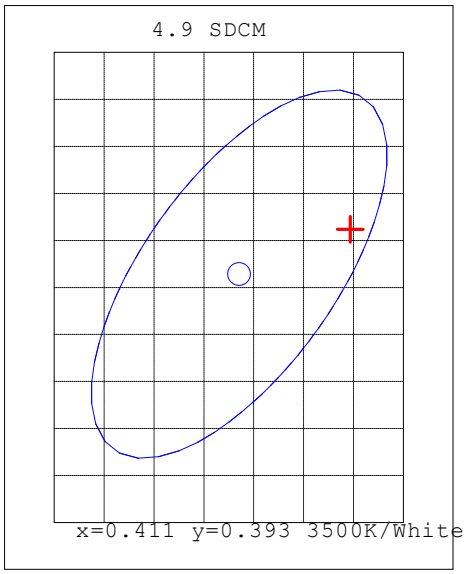
Product Type:LIGHT
Number:N-00001=
Temperature:25.3 deg=
Test Operator:SGD LTD=
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD
Humidity:65.0%
Test Date:2024-02-28 14:08:24=
Instrument:PMS-80 (SN:11050034)

SBAT-20W -10W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4206(dx=-0.0019) y=0.3968(dy=0.0148)

Chromaticity Coordinate:u'=0.2431 v'=0.5161(duv=-4.05e-04)

Tc=3236K Dominant WL:Ld=582.0nm Purity=45.4% Centroid WL:587.0nm

Ratio:R=23.7% G=73.7% B=2.6% Peak WL:Lp=605.0nm HWL:146.3nm

Render Index:Ra=85.8

R1 =85	R2 =93	R3 =97	R4 =84	R5 =85	R6 =90	R7 =86	
R8 =66	R9 =22	R10=82	R11=84	R12=67	R13=87	R14=99	R15=79

Photo Parameters:

Flux: 1175.3 lm Fe: 3.6532 W Efficacy:116.2 lm/W

WHITE:ANSI_3500K

Electrical Parameters:

Luminaire: U=232.7V I=0.05477A P=10.12W PF=0.7941

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=43050(G=4,D=91)

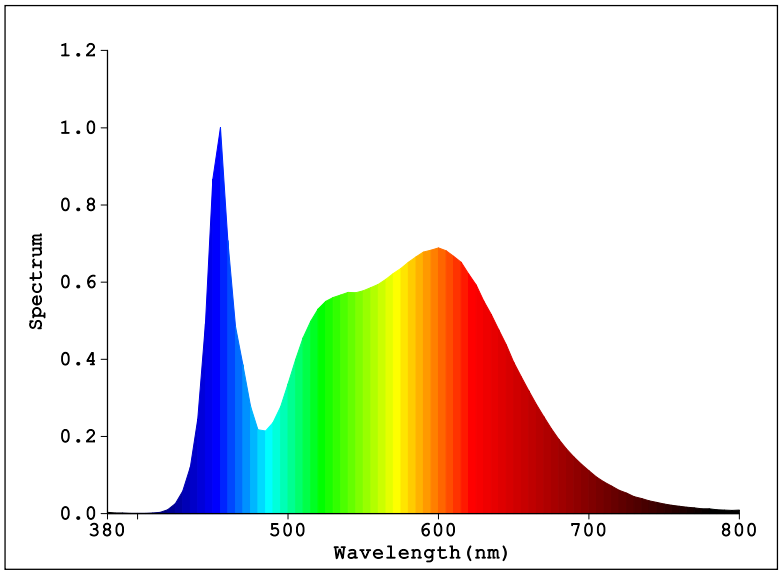
REF=18664(R=4) %=0.000% PMT: 20.9 centigrade [29.3]

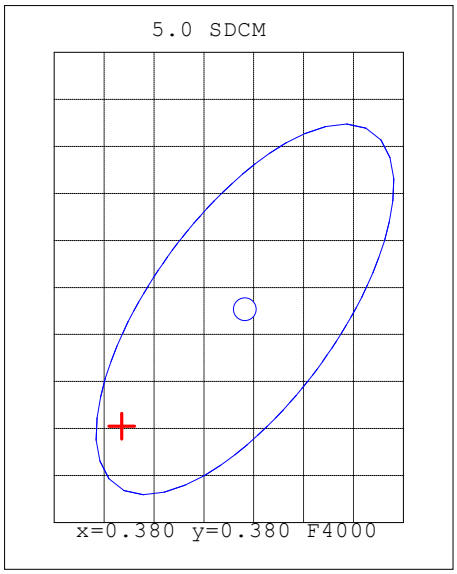
Product Type:LIGHT
Number:N-00002=
Temperature:25.3 deg=
Test Operator:SGD LTD=
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD=
Humidity:65.0%
Test Date:2024-02-28 14:16:01=
Instrument:PMS-80 (SN:11050034)

SBAT-20W -10W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3693(dx=-0.0019) y=0.3700(dy=0.0148)

Chromaticity Coordinate:u'=0.2205 v'=0.4969(duv=2.10e-04)

Tc=4270K Dominant WL:Ld=577.8nm Purity=21.9% Centroid WL:568.0nm

Ratio:R=19.7% G=76.7% B=3.6% Peak WL:Lp=455.0nm HWL:19.5nm

Render Index:Ra=87.0

R1 =87	R2 =92	R3 =95	R4 =86	R5 =86	R6 =88	R7 =89	
R8 =73	R9 =30	R10=79	R11=86	R12=58	R13=89	R14=97	R15=82

Photo Parameters:

Flux: 1246.4 lm Fe: 3.9104 W Efficacy:126.0 lm/W

WHITE:ANSI_4500K

Electrical Parameters:

Luminaire: U=233.3V I=0.05274A P=9.890W PF=0.8039

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=16911(G=3,D=53)

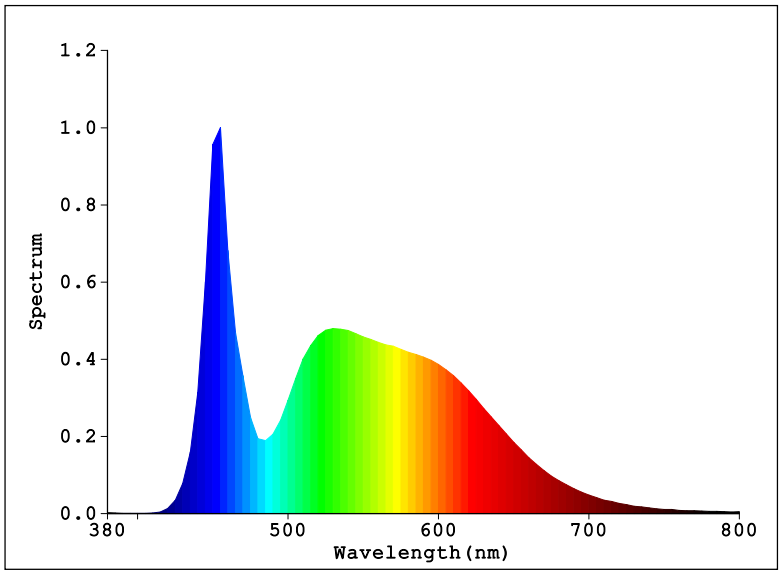
REF=19634(R=4) %=0.000% PMT: 21.4 centigrade [29.3]

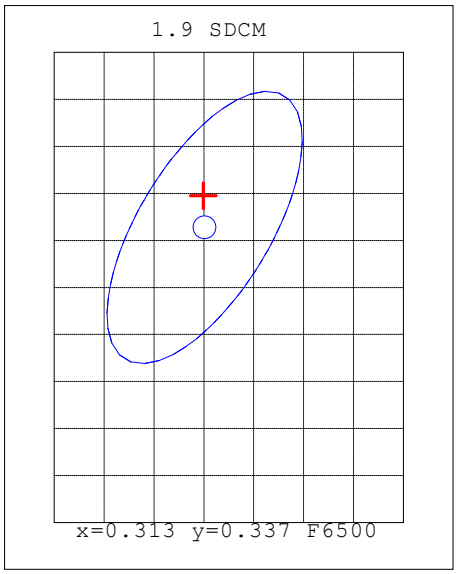
Product Type:LIGHT
Number:N-00003=
Temperature:25.3 deg=
Test Operator:SGD LTD=
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD=
Humidity:65.0%
Test Date:2024-02-28 14:18:09=
Instrument:PMS-80 (SN:11050034)

SBAT-20W -10W

Light Source Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3129(dx=-0.0019) y=0.3397(dy=0.0148)

Chromaticity Coordinate:u'=0.1940 v'=0.4740(duv=8.49e-03)

Tc=6419K Dominant WL:Ld=495.7nm Purity=6.5% Centroid WL:541.0nm

Ratio:R=14.4% G=80.8% B=4.8% Peak WL:Lp=455.0nm HWL:21.0nm

Render Index:Ra=82.6

R1 =80	R2 =86	R3 =90	R4 =82	R5 =81	R6 =81	R7 =90	
R8 =71	R9 =9	R10=67	R11=81	R12=50	R13=82	R14=94	R15=76

Photo Parameters:

Flux: 1219.5 lm Fe: 3.8678 W Efficacy:119.7 lm/W

WHITE:ANSI_6500K

Electrical Parameters:

Luminaire: U=233.0V I=0.05358A P=10.19W PF=0.8159

Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=23551(G=3,D=55)

REF=19023(R=4) %=0.000% PMT: 20.9 centigrade [29.4]

Product Type:LIGHT
Number:N-00004=
Temperature:25.3 deg=
Test Operator:SGD LTD=
Software:V2.00.122

Manufacturer:SGD LTD
Test Department:SGD LTD=
Humidity:65.0%
Test Date:2024-02-28 14:22:20=
Instrument:PMS-80 (SN:11050034)

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.

Products:
LED SLIMLINE CCT MULTI WATT BATTEN LUMINAIRES IP40 120LM/W

Model Numbers:
SBAT-20W, SBAT-30W, SBAT-40W, SBAT-50W

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 below listed harmonised stands and technical specifications listed below:

EN IEC 55015:2019/A11:2020, EN IEC 61000-3-2:2019/A1:2021, EN 61000-3-3:2013/A2:2021, EN 61547:2009, EN IEC 60598-1:2021 + 2021 + AMD11:2022, EN IEC 60598-2-1:2021, BS EN IEC 60598-1:2021 + AMD11:2022, BS EN IEC 60598-2-1:2021

Signed: Solas Geal Distribution Limited

Date: 04/04/24

Place of Issue: Republic of Ireland