

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: SPVC20W 4000K

Type of light source:

| | | | |
|---|-----|---------------------------------|-----|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | N/A | | |
| 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 | F |
| 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°) | 2 100 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 | 4 000 |
| On-mode power (P_{on}), expressed in W | 20,0 | 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 | 244 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 244 | |
| | Depth | 85 | |
| | | | 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) | 0,382 0,380 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 790 | Beam angle in degrees, or the range of beam angles that can be set | 90 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 0 | Survival factor | 1,00 |
| the lumen maintenance factor | 1,00 | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,90 | 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) | 0,0 | Stroboscopic effect metric (SVM) | 0,0 |

(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 Limited, Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath. A84 YP58. Ireland.

Model identifier: SPVC17W DIM CCT

Type of light source:

| | | | |
|---|-----|---------------------------------|-----|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | N/A | | |
| 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: | Yes |

Product parameters

| Parameter | Value | Parameter | Value |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

General product parameters:

| | | | |
|--|---------------------------|--|---|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 17 | Energy efficiency class | F |
| 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°) | 1 700 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 5 700 |
| On-mode power (P_{on}), expressed in W | 17,0 | 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 | 174 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 174 | |
| | Depth | 69 | |
| | | | 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) | 0,382 0,380 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 726 | Beam angle in degrees, or the range of beam angles that can be set | 90 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 0 | Survival factor | 1,00 |
| the lumen maintenance factor | 1,00 | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,90 | 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) | 0,0 | Stroboscopic effect metric (SVM) | 0,0 |

(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 Limited, Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath. A84 YP58. Ireland.

Model identifier: SPVC14W WH DIM CCT

Type of light source:

| | | | |
|---|-----|---------------------------------|-----|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | N/A | | |
| 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: | Yes |

Product parameters

| Parameter | Value | Parameter | Value |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

General product parameters:

| | | | |
|--|---------------------------|--|---|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 14 | Energy efficiency class | F |
| 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°) | 1 200 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 5 700 |
| On-mode power (P_{on}), expressed in W | 14,0 | 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 | 145 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 145 | |
| | Depth | 66 | |
| | | | 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) | 0,382 0,380 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 648 | Beam angle in degrees, or the range of beam angles that can be set | 90 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 0 | Survival factor | 1,00 |
| the lumen maintenance factor | 1,00 | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,90 | 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) | 0,0 | Stroboscopic effect metric (SVM) | 0,0 |

(a) '-': not applicable;

(b) '-': not applicable;

20W LED DOWNLIGHT INSTRUCTIONS



Description:

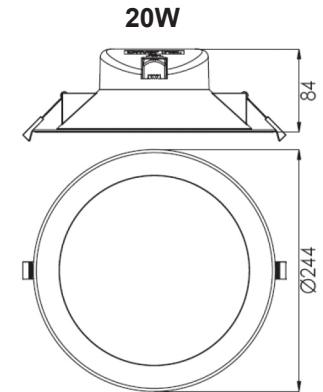
Our SPVC range of downlighters are made of the highest quality materials ensuring a durable, decorative and corrosion resistant downlight.

Good thermal management ensures that the LED will work smoothly. The optical lens design ensures soft and even light, instant light with no flickering or glaring. Source SPVC downlighters are widely used in both Commercial and Domestic projects.



Notes

- The fitting must be installed and maintained by a qualified electrician
- Must be ceiling mounted
- Do not install near high temperatures
- Leave 75mm space around the fitting for ventilation
- Do not cover light
- Store at room temperature in a dry environment



Installation

Pic 1: Turn off power

Pic 2: Drill suitable mounting hole in ceiling according to cutout size indicated for product

Pic 3: Use switch to select desired temperature

Pic 4: Open the hatch at the back of the fitting with a philips screwdriver

Pic 5: Connect input cable end of LED fixture to suitable power supply (220-240V) and make sure connection is correct. Ensure the two connectors are inserted into the terminal at the same time when connecting the wire to the input end of the lamp. Secure the hatch closed with the philips screwdriver

Pic 6: Pinch both springs, then push the fitting into the cutout hole, the retention clips rebound and click automatically in place. Make sure fitting is fixed in place

Pic 7: Ensure that the fitting is well connected and then switch on power



Technical parameters:

| | |
|--------------------------|-------------------------------|
| | SPVC 20W - 4000K |
| Input Voltage(VAC) | 220-240V AC |
| Current(A) | 0.15 |
| Power factor (PF) | > 0.9 |
| Power(W) | 20 |
| Color Temperature(K) | 4000 (NW) |
| Luminous Flux (Lm) | 2100 |
| Lifespan (hour) | 30000 |
| Protection Rate | Lighting fixture surface IP44 |
| Cutout(mm) | 195 - 210 diameter |
| Working Temperature(°C) | -20~40 |
| CRI(Ra) | >80 |

Warning

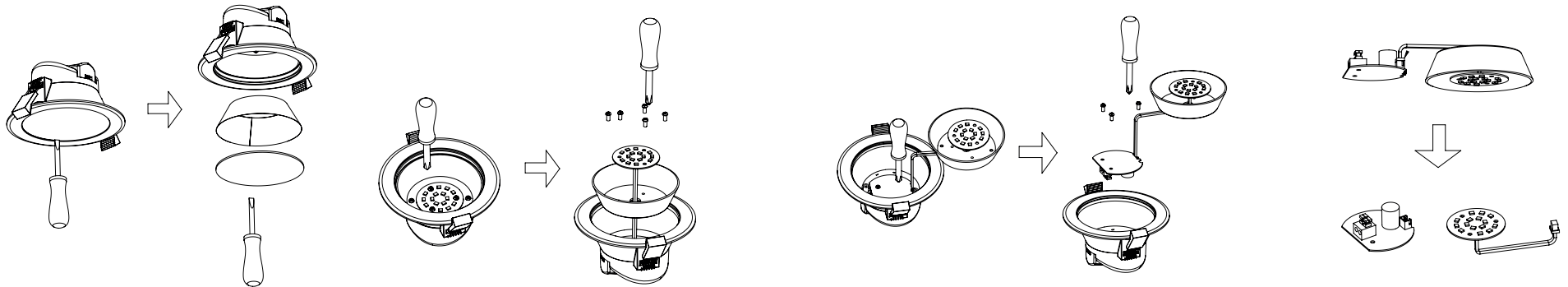


- * Power should be cut off before installation, maintenance or inspection.
- * Please install and use the light strictly according to the instruction.
- * Do not disassemble or remold the product at will to avoid accident of electric shock or light falling.
- * Working out of temp. range -20°C ~+40°C will shorten the lifetime of luminaires.



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.



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



LED DIMMABLE & CCT DOWNLIGHT INSTRUCTIONS

Description:

Our SPVC range of downlighters are made of the highest quality materials ensuring a durable, decorative and corrosion resistant downlight.

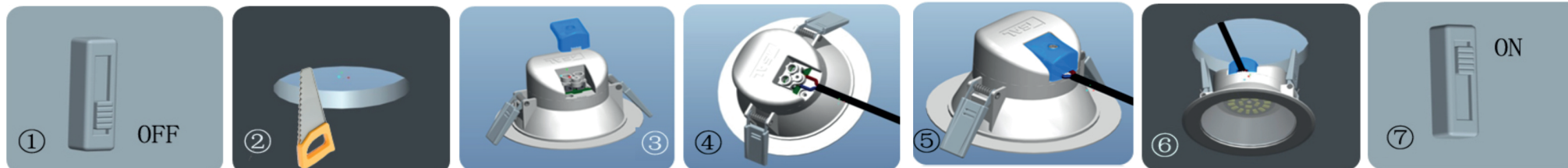
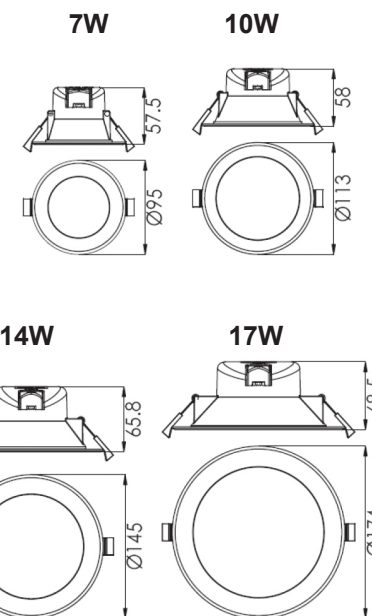
Good thermal management ensures that the LED will work smoothly. The optical lens design ensures soft and even light, instant light with no flickering or glaring. Source SPVC downlighters are widely used in both Commercial and Domestic projects.

Notes

- The fitting must be installed and maintained by a qualified electrician
- Must be ceiling mounted
- Do not install near high temperatures
- Leave 75mm space around the fitting for ventilation
- Do not cover light
- Store at room temperature in a dry environment

Installation

- Pic 1: Turn off power
 Pic 2: Drill suitable mounting hole in ceiling according to cutout size indicated for product
 Pic 3: Use switch to select desired temperature
 Pic 4: Open the hatch at the back of the fitting with a philips screwdriver
 Pic 5: Connect input cable end of LED fixture to suitable power supply (220-240V) and make sure connection is correct. Ensure the two connectors are inserted into the terminal at the same time when connecting the wire to the input end of the lamp. Secure the hatch closed with the philips screwdriver
 Pic 6: Pinch both springs, then push the fitting into the cutout hole, the retention clips rebound and click automatically in place. Make sure fitting is fixed in place
 Pic 7: Ensure that the fitting is well connected and then switch on power



Technical parameters:

| | SPVC 7W BL-DIM-CCT SPVC 7W DIM-CCT | SPVC 10W BL DIM-CCT SPVC 10W DIM-CCT | SPVC 14W BL DIM-CCT SPVC 14W DIM-CCT | SPVC 17W BL DIM-CCT SPVC 17W DIM-CCT |
|--------------------------------|---------------------------------------|---|---|---|
| Input Voltage(VAC) | 220-240V AC | | | |
| Current(A) | 0.05 | 0.07 | 0.1 | 0.13 |
| Power factor (PF) | > 0.9 | | | |
| Power (W) | 7 | 10 | 14 | 17 |
| Color Temperature(K) | 3000k (WW) 4000k (NW) 5700k (CW) | | | |
| Luminous Flux (Lm) | 560/590/590 | 750/900/900 | 1200/1260/1260 | 1450/1530/1530 |
| Lifespan (hour) | 30000 | | | |
| Protection Rate | Lighting fixture surface IP44 | | | |
| Cutout(mm) | Φ68-80 | Φ90-102 | Φ120-130 | Φ145-155 |
| Working Temperature(°C) | -20~40 | | | |
| CRI(Ra) | >80 | | | |

Warning

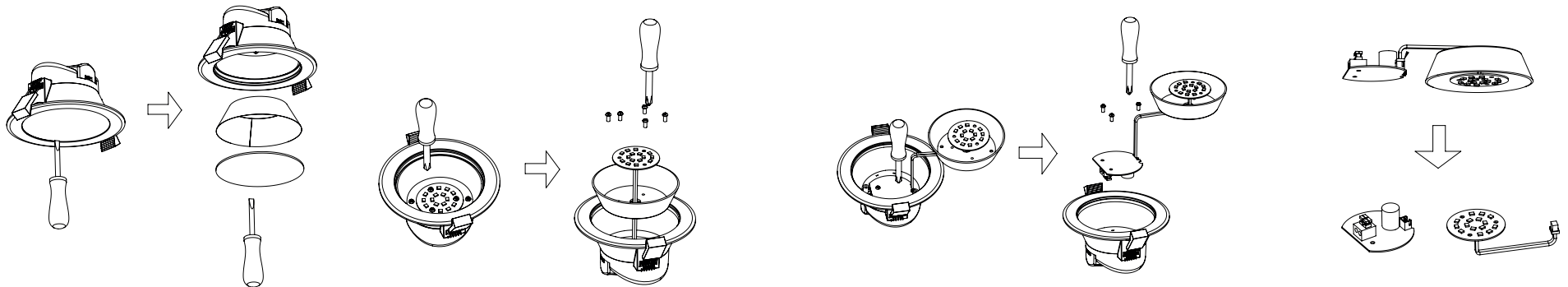


- * Power should be cut off before installation, maintenance or inspection.
- * Please install and use the light strictly according to the instruction.
- * Do not disassemble or remold the product at will to avoid accident of electric shock or light falling.
- * Working out of temp. range -20°C ~+40°C will shorten the lifetime of luminaires.



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For more information contact:



Solas Geal Distribution

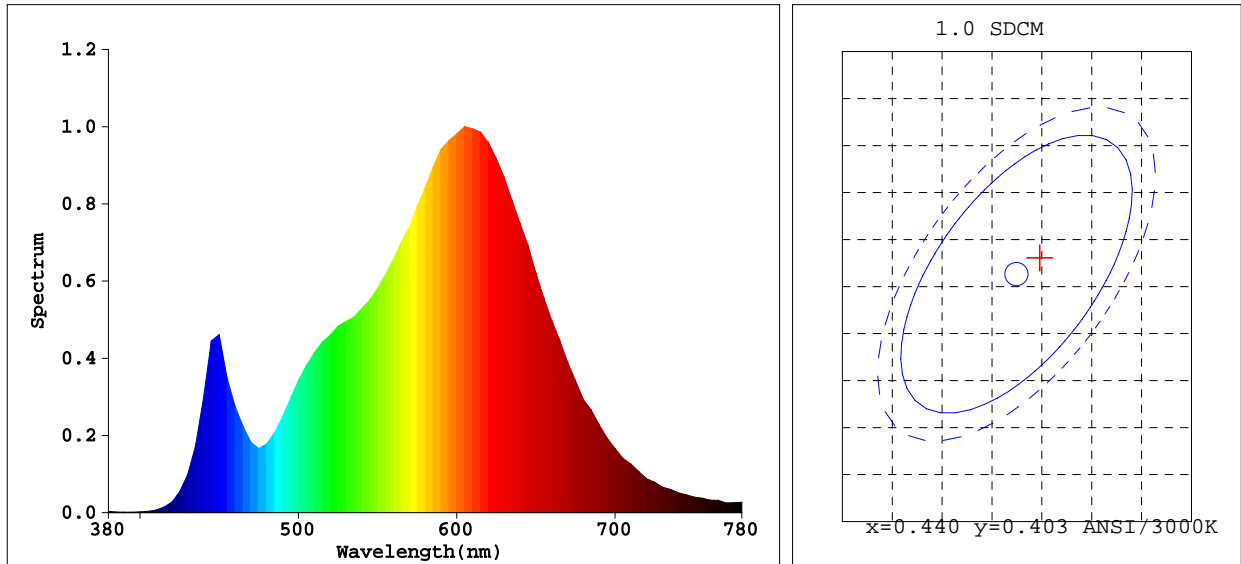
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58, **Phone:** 00353 1 835 7447

Unit 32 Junction One Business Park, Valley Road, Birkenhead, Merseyside, UK, CH41 7ED, **UK Ph:** 0330 551 7000

Website: www.sgd.ie

Spectrophotometer Test Report

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4420$ $y=0.4044$

Chromaticity Coordinate: $u'=0.2537$ $v'=0.5223$ ($duv=-5.30e-04$)

Tc=2919K Dominant WL:Ld=583.4nm Purity=54.0% Centroid WL:592.0nm

Ratio:R=25.6% G=72.2% B=2.2% Peak WL:Lp=605.0nm HWL:127.7nm

Render Index:Ra=84.9

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =84 | R2 =92 | R3 =97 | R4 =84 | R5 =84 | R6 =92 | R7 =84 | |
| R8 =62 | R9 =16 | R10=83 | R11=85 | R12=79 | R13=86 | R14=99 | R15=76 |

Photo Parameters:

Flux: 1591.2 lm Fe: 4.9468 W Efficacy:93.28 lm/W

Electrical Parameters:

Luminaire: U=230.6V I=0.07686A P=17.06W PF=0.9625

Instrument Status:

Scan Range:380.0nm-780.0nm Interval:5.0nm[0]

Ip=35286(G=6,D=56)

REF=18295(R=3)

%=-0.214%

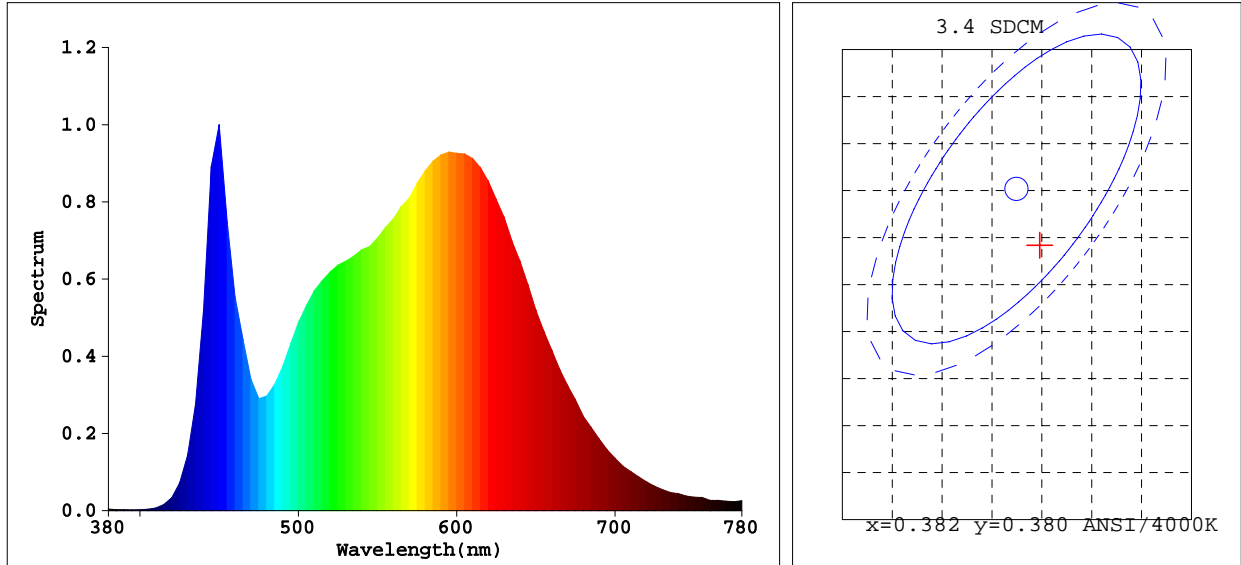
PMT: 17.5 centigrade [150.0]

Product Type:3000K
Number:10
Temperature:25 deg
Test Operator:
Software:V3.00.135

Manufacturer:SGD LIMITED
Test Department:
Humidity:65.0%
Test Date:2022-03-23 09:52:42
Instrument:PMS-80_V1 (SN:11070038)

Spectrophotometer Test Report

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3838$ $y=0.3750$

Chromaticity Coordinate: $u'=0.2280$ $v'=0.5013$ ($duv=-1.79e-03$)

$Tc=3896K$ Dominant WL: $Ld=580.4nm$ Purity=27.7% Centroid WL: $572.0nm$

Ratio: $R=20.9\%$ $G=75.7\%$ $B=3.4\%$ Peak WL: $Lp=450.0nm$ HWL: $22.8nm$

Render Index: $Ra=86.9$

$R1 =86$ $R2 =92$ $R3 =96$ $R4 =87$ $R5 =87$ $R6 =90$ $R7 =87$

$R8 =70$ $R9 =24$ $R10=82$ $R11=87$ $R12=72$ $R13=88$ $R14=98$ $R15=80$

Photo Parameters:

Flux: 1799.8 lm $Fe: 5.6291$ W Efficacy: 111.7 lm/W

Electrical Parameters:

Luminaire: $U=230.6V$ $I=0.07278A$ $P=16.11W$ $PF=0.9599$

Instrument Status:

Scan Range: $380.0nm-780.0nm$ Interval: $5.0nm[0]$

$Ip=15792(G=5,D=53)$

REF: $20531(R=3)$

$\%=-0.274\%$

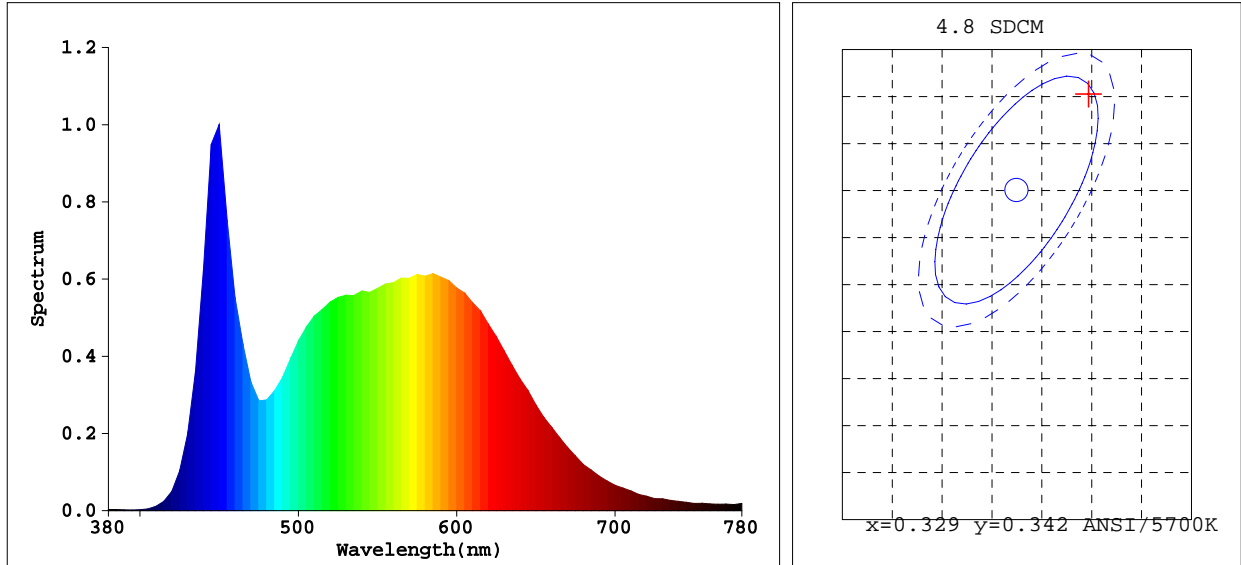
PMT: 17.7 centigrade [150.0]

Product Type: $4000K$
Number: 11
Temperature: 25 deg
Test Operator:
Software: $V3.00.135$

Manufacturer: **SGD LIMITED**
Test Department:
Humidity: 65.0%
Test Date: $2022-03-23$ $09:54:26$
Instrument: $PMS-80_V1$ (SN: 11070038)

Spectrophotometer Test Report

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3352$ $y=0.3502$

Chromaticity Coordinate: $u'=0.2053$ $v'=0.4825$ ($duv=3.39e-03$)

Tc=5390K Dominant WL:Ld=559.0nm Purity=5.7% Centroid WL:549.0nm

Ratio:R=16.3% G=79.2% B=4.5% Peak WL:Lp=450.0nm HWL:24.5nm

Render Index:Ra=84.1

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =82 | R2 =88 | R3 =93 | R4 =85 | R5 =84 | R6 =85 | R7 =88 | |
| R8 =69 | R9 =9 | R10=73 | R11=85 | R12=67 | R13=84 | R14=96 | R15=76 |

Photo Parameters:

Flux: 1638.6 lm Fe: 5.1720 W Efficacy:97.71 lm/W

Electrical Parameters:

Luminaire: U=230.6V I=0.07561A P=16.77W PF=0.9619

Instrument Status:

Scan Range:380.0nm-780.0nm Interval:5.0nm[0]
REF=18573(R=3) %=-0.130%

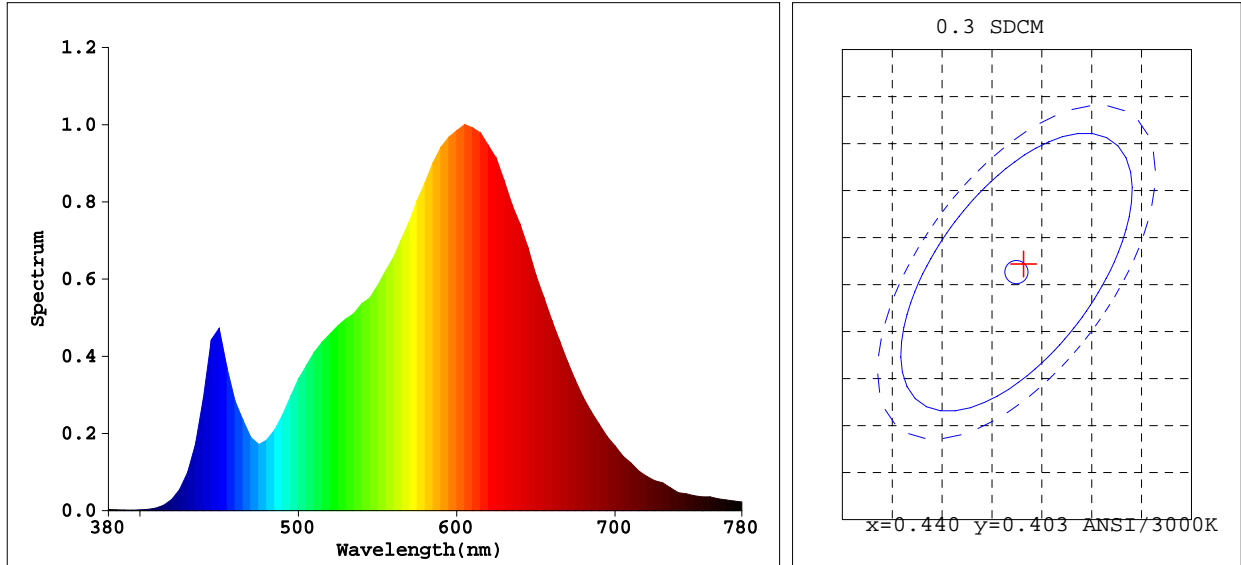
Ip=19157(G=5,D=53)
PMT: 17.8 centigrade [150.0]

Product Type:5700K
Number:12
Temperature:25 deg
Test Operator:
Software:V3.00.135

Manufacturer:SGD LIMITED
Test Department:
Humidity:65.0%
Test Date:2022-03-23 09:55:42
Instrument:PMS-80_V1 (SN:11070038)

Spectrophotometer Test Report

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4406$ $y=0.4037$

Chromaticity Coordinate: $u'=0.2531$ $v'=0.5218$ ($duv=-6.46e-04$)

Tc=2936K Dominant WL:Ld=583.3nm Purity=53.4% Centroid WL:591.0nm

Ratio:R=25.4% G=72.4% B=2.3% Peak WL:Lp=605.0nm HWL:128.2nm

Render Index:Ra=84.3

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =83 | R2 =92 | R3 =96 | R4 =83 | R5 =84 | R6 =91 | R7 =83 | |
| R8 =61 | R9 =13 | R10=82 | R11=84 | R12=78 | R13=85 | R14=99 | R15=75 |

Photo Parameters:

Flux: 1373.3 lm Fe: 4.2574 W Efficacy:87.65 lm/W

Electrical Parameters:

Luminaire: U=230.6V I=0.07096A P=15.67W PF=0.9576

Instrument Status:

Scan Range:380.0nm-780.0nm Interval:5.0nm[0]

REF=15802(R=3)

%=-0.241%

Ip=30579(G=6,D=56)

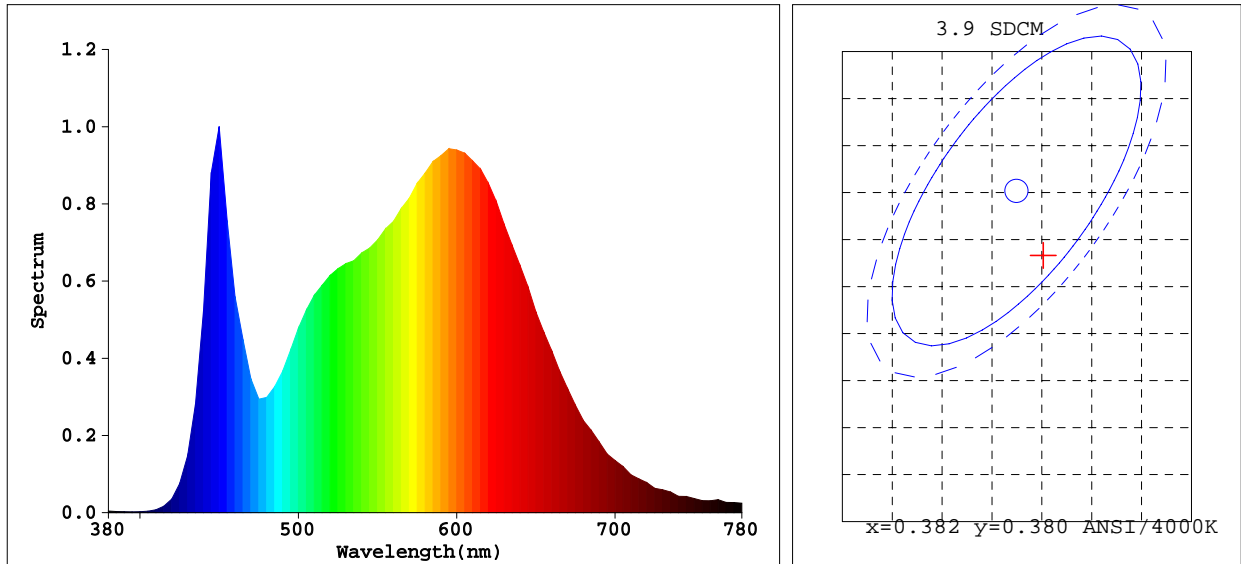
PMT: 17.4 centigrade [150.0]

Product Type:3000K
Number:7
Temperature:25 deg
Test Operator:
Software:V3.00.135

Manufacturer:SGD LIMITED
Test Department:
Humidity:65.0%
Test Date:2022-03-23 09:47:45
Instrument:PMS-80_V1 (SN:11070038)

Spectrophotometer Test Report

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3841$ $y=0.3743$

Chromaticity Coordinate: $u'=0.2285$ $v'=0.5010$ ($duv=-2.20e-03$)

Tc=3882K Dominant WL:Ld=580.7nm Purity=27.6% Centroid WL:572.0nm

Ratio:R=20.9% G=75.7% B=3.4% Peak WL:Lp=450.0nm HWL:23.1nm

Render Index:Ra=86.5

R1 =86 R2 =92 R3 =96 R4 =86 R5 =86 R6 =89 R7 =87

R8 =69 R9 =23 R10=82 R11=87 R12=72 R13=88 R14=98 R15=80

Photo Parameters:

Flux: 1567.5 lm Fe: 4.9044 W Efficacy:105.7 lm/W

Electrical Parameters:

Luminaire: U=230.6V I=0.06740A P=14.84W PF=0.9547

Instrument Status:

Scan Range:380.0nm-780.0nm Interval:5.0nm[0]

Ip=13831(G=5,D=53)

REF=17896(R=3)

%=-0.196%

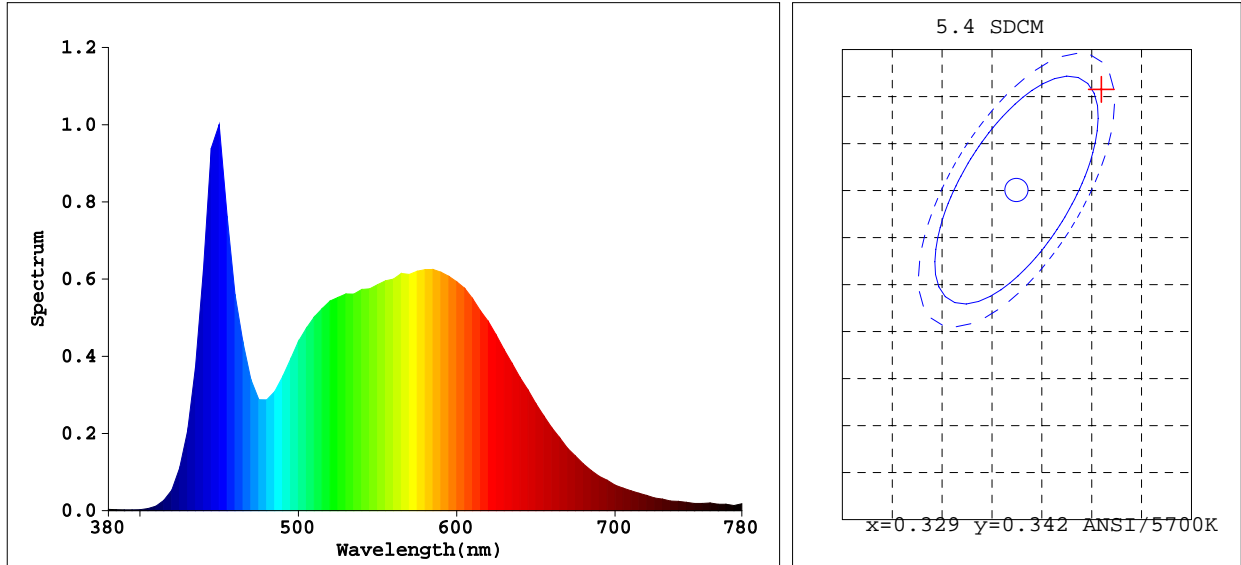
PMT: 17.7 centigrade [150.0]

Product Type:4000K
Number:8
Temperature:25 deg
Test Operator:
Software:V3.00.135

Manufacturer:SGD LIMITED
Test Department:
Humidity:65.0%
Test Date:2022-03-23 09:49:14
Instrument:PMS-80_V1 (SN:11070038)

Spectrophotometer Test Report

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3363$ $y=0.3506$
Chromaticity Coordinate: $u'=0.2059$ $v'=0.4829$ ($duv=3.13e-03$)
Tc=5345K Dominant WL:Ld=561.2nm Purity=6.1% Centroid WL:550.0nm
Ratio:R=16.3% G=79.2% B=4.4% Peak WL:Lp=450.0nm HWL:24.9nm
Render Index:Ra=83.7
R1 =82 R2 =88 R3 =93 R4 =84 R5 =83 R6 =84 R7 =87
R8 =68 R9 =7 R10=72 R11=85 R12=67 R13=83 R14=96 R15=76

Photo Parameters:

Flux: 1427.5 lm Fe: 4.4940 W Efficacy:92.50 lm/W

Electrical Parameters:

Luminaire: U=230.6V I=0.06994A P=15.43W PF=0.9570

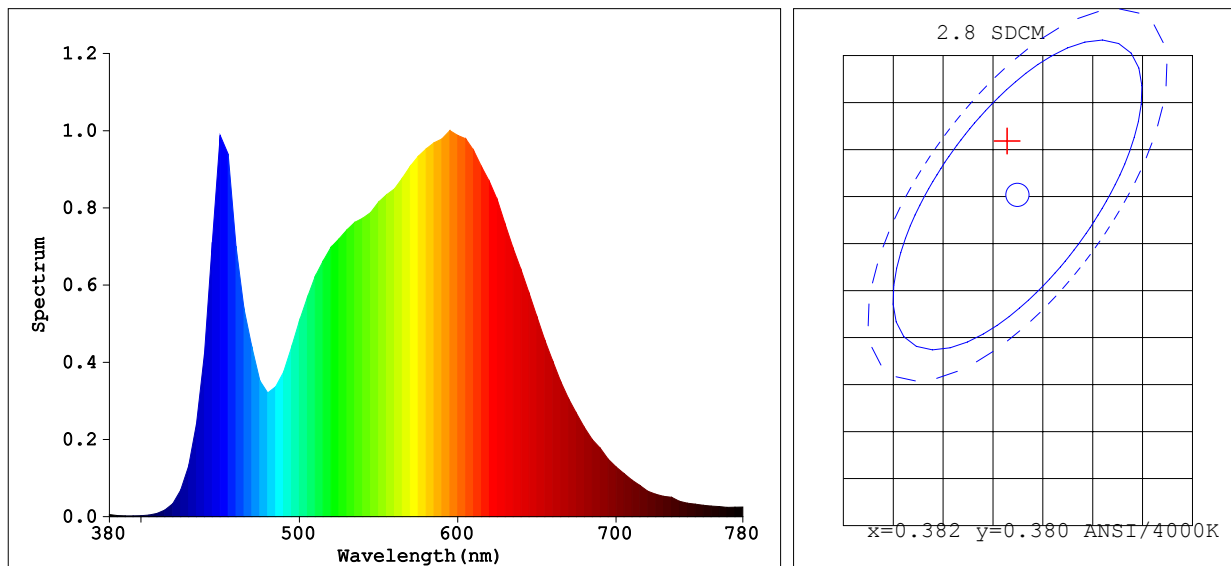
Instrument Status:

Scan Range:380.0nm-780.0nm Interval:5.0nm[0] Ip=16620(G=5,D=53)
REF=16198(R=3) %=-0.217% PMT: 17.6 centigrade [150.0]

Product Type:5700K
Number:9
Temperature:25 deg
Test Operator:
Software:V3.00.135

Manufacturer:SGD LIMITED
Test Department:
Humidity:65.0%
Test Date:2022-03-23 09:50:44
Instrument:PMS-80_V1 (SN:11070038)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3809$ $y=0.3844$
Chromaticity Coordinate: $u'=0.2224$ $v'=0.5050$ ($duv=3.39e-03$)
Tc=4041K Dominant WL:Ld=577.2nm Purity=29.7% Centroid WL:569.0nm
Ratio:R=19.6% G=77.0% B=3.4% Peak WL:Lp=595.0nm HWL:152.0nm
Render Index:Ra=83.9
R1 =82 R2 =90 R3 =96 R4 =83 R5 =82 R6 =86 R7 =87
R8 =66 R9 =10 R10=76 R11=82 R12=62 R13=84 R14=98 R15=75

Photo Parameters:

Flux: 2058.4 lm Fe: 6.2104 W Efficacy:111.7 lm/W

Electrical Parameters:

Luminaire: U=230.8V I=0.08702A P=18.43W PF=0.9173

Instrument Status:

Scan Range:380.0nm-780.0nm Interval:5.0nm[0] Ip=15832 (G=5,D=55)
REF=23281 (R=3) %=-0.133% PMT: 21.4 centigrade [150.0]

Product Type:SPVC 20W-4000K
Number:1
Temperature:25 deg
Test Operator:
Software:V3.00.135

Manufacturer:SGD LIMITED
Test Department:
Humidity:65.0%
Test Date:2022-03-01 18:56:13
Instrument:PMS-80_V1 (SN:11070038)



EU DECLARATION OF CONFORMITY

Manufacturers Name: Solas Geal Distribution

Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

Declaration Number below:

| Declaration Number | Declaration Number | Declaration Number |
|--------------------|------------------------|--------------------|
| 029-SPVC7W WH-WW | 029-SPVC7W WH-DIM-CCT | 029-SPVC 17W-4000K |
| 029-SPVC7W WH-CW | 029-SPVC10W WH-DIM-CCT | 029-SPVC 20W-4000K |
| 029-SPVC7W BL-WW | 029-SPVC10W BL-DIM-CCT | |
| 029-SPVC7W BL-WW | 029-SPVC14 WH-DIM-CCT | |

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

Products:

LED IP44 PVC DOWNLIGHTER 7watt,10Watt,14Watt,17Watt,20Watt Model

Number below:

| CODES | CODES | CODES |
|--------------|--------------------|------------------|
| SPVC7W WH-WW | SPVC7W WH-DIM-CCT | SPVC 17W-DIM CCT |
| SPVC7W WH-CW | SPVC10W WH-DIM-CCT | SPVC 20W-4000K |
| SPVC7W BL-WW | SPVC10W BL-DIM-CCT | |
| SPVC7W BL-WW | SPVC14 WH-DIM-CCT | |

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

Low Voltage Directive (2014/35/EU)

EMC (2014/30/EU)

RoHS (2011/65/EU) & AMMENDMENT (EU) 2015/863

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

EN60598-2-2:2012, EN60598-1:2015, EN62471:2008, IEC/TR 62778:2014, EN62493:2010, EN62493:2015, EN55015:2013+A1:2015, EN 61547:2009, EN61000-3-2:2014, EN 61000-3-3:2013



Signed:

Date:

Place of Issue: Republic of Ireland

