

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: SPIC 221 CTT

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 |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

General product parameters:

| | | | |
|--|-------------------------|--|-------------------------|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 7 | 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°) | 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 6 000 |
| On-mode power (P_{on}), expressed in W | 7,0 | 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 | 86 |
| Outer dimensions | Height | Spectral power distribution in the | See image in last page |
| | Width | | |
| | | | 365 |

| | | | | |
|---|-------|-----|--------------------------------------|----------------|
| without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | Depth | 154 | range 250 nm to 800 nm, at full-load | |
| Claim of equivalent power ^(a) | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,371 0,369 |
| Parameters for LED and OLED light sources: | | | | |
| R9 colour rendering index value | | 30 | Survival factor | 1,00 |
| the lumen maintenance factor | | - | | |

(a) : not applicable;

(b) : not applicable;

INSTALLATION MANUAL

PICTURE LIGHT



PRODUCT CODE: SPIC 221 CCT

IP20 240V~50/60Hz 7W CCT

Important Information

It is recommended that these luminaires are installed and fitted by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control. These products are designed for connection to a 240V~50/60Hz supply.

Any faulty, broken or damaged luminaires should be replaced immediately.

We will not accept responsibility for any claims arising from a poor installation.

Please Note: The limited warranty shall be deemed null and void in the following circumstances: Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the products or parts.

Important User Advice

Always switch off mains supply before servicing/changing lamps.

This luminaire is suitable for indoor use only and should not be fitted to damp or wet surfaces such as freshly plastered or painted walls.

At the end of life the luminaire is classed as WEEE under directive 2014/30/EU and should be disposed of in accordance with local legislation.

Installation Procedure

Familiarize yourself with the luminaire and ensure the power is turned off before installing.

Mark the position of the fixings on the wall, avoiding any wiring in the wall.

Drill and prepare the holes for the screws (Not Supplied) ensuring that the fixings are into solid material.

Fit Rawl - Plugs if required (Do not put screws directly into plasterboard - Always use the appropriate fixings).

Support luminaire whilst making connections. Always avoid straining cables.

Prepare supply cables as follows:

Remove 6mm of insulation from the L / N / E connections.

Connect the wires to luminaire using a terminal block complying to the regulations of BS EN60598 -2-1 or BS EN60598-2-2 (Not Supplied).

Connect the live supply (L) Brown to the Brown lead, connect the Neutral (N) Blue to the Blue lead and connect the Earth (E) Green/Yellow to the Green/Yellow lead on the luminaire.

When carrying out the connection procedure always ensure all termination screws are fully tightened and no loose strands of wire are present.

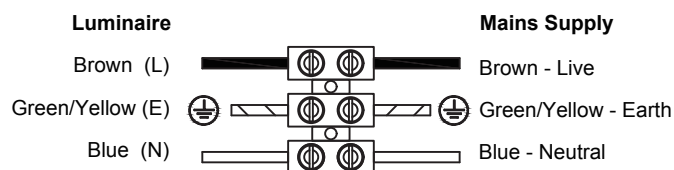
Insulate the terminal block by wrapping two layers of good quality insulating tape completely around the connector leaving no surfaces uncovered.

Secure the luminaire to the wall using appropriate fixings.

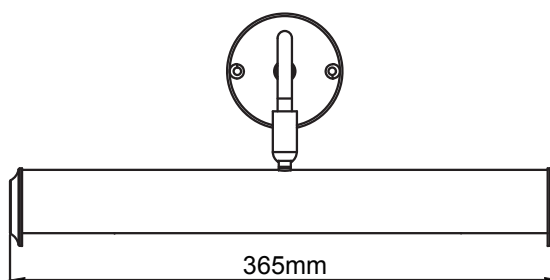
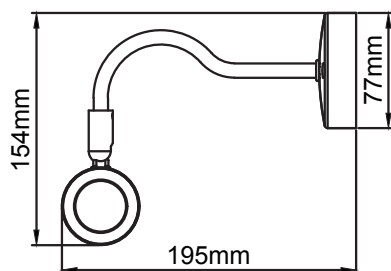
Take care not to damage or trap any of the wiring or leave any wires exposed.

Never exceed wattage shown.

Wiring Details (Class I)



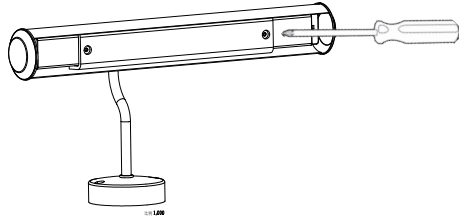
Available finish:- Brass



PRODUCT END OF LIFE INSTRUCTION.

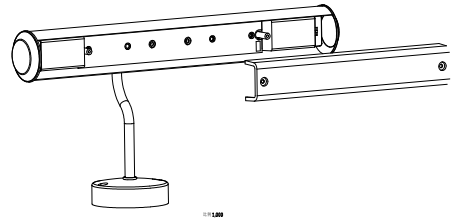
This Lighting product is in the scope of EU 2019/2020 directive on Waste Electrical and Electronic Equipment (WEEE). This product must be disposed of according to the legislation. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to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

1. Using a screwdriver, unscrew the back frame from inside the fitting



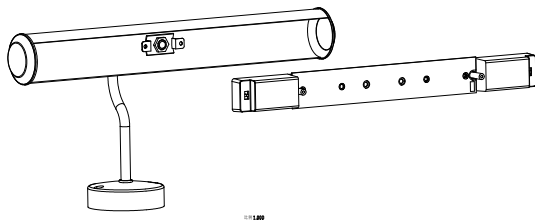
1

2. Remove back frame to expose driver / control gear



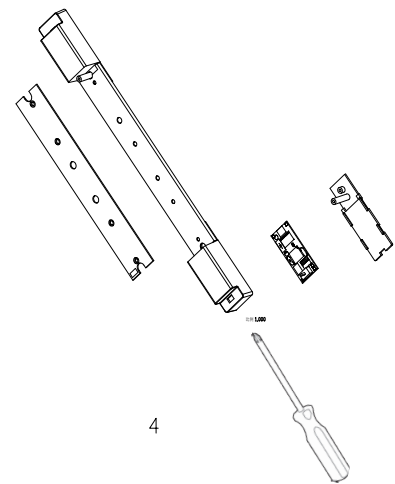
2

3. Remove driver / control gear for recycling



3

4. Recycle each of the dismantled components accordingly



4



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: 00330 551 7000

Website: www.sgd.ie



Spectrum Test Report

Sample : SPIC 221 CCT
Sample No. : 6
Manufacturer : SGD LIMITED

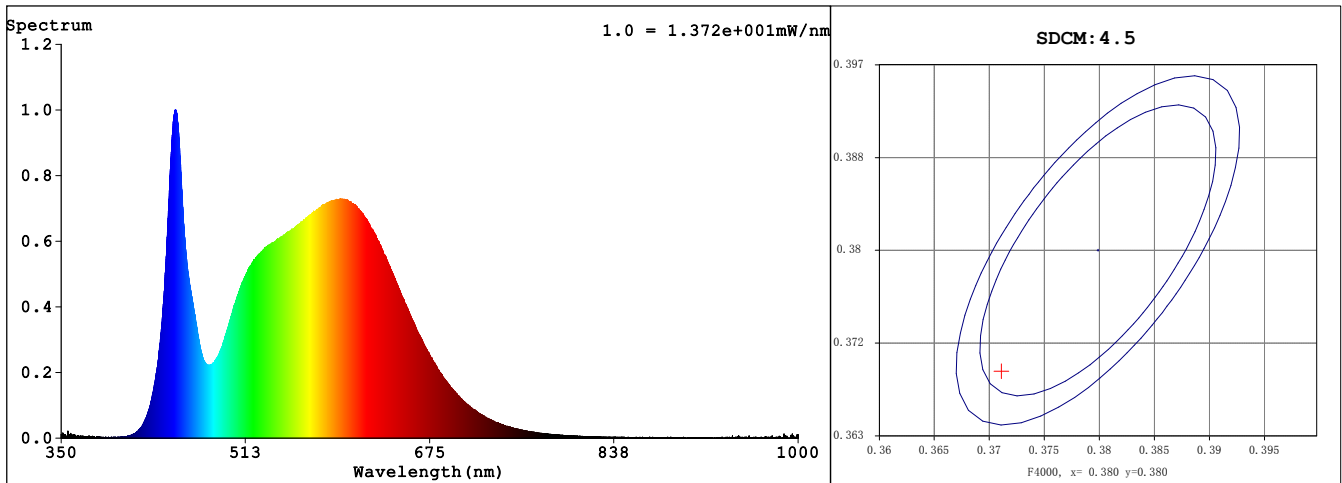
Date : 2020-04-25 14:56:29
Sam. Status :
Instrument : HAAS-2000

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 49465 (75%)
T : 536 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3712$ $y = 0.3690$ / $u' = 0.2221$ $v' = 0.4968$ ($duv = -8.62e-04$)

CCT= 4208K Prcp WL: Ld=578.8nm Purity=22.1%

Peak WL: Lp=451nm FWHM: =20.2nm Ratio:R=18.2% G=78.0% B=3.8%

Render Index: Ra = 86.1

R1 =86 R2 =90 R3 =93 R4 =86 R5 =85 R6 =86 R7 =89
R8 =73 R9 =30 R10=76 R11=85 R12=62 R13=87 R14=96 R15=81

Photometric & Radiometric Parameters

Flux = 608.36 lm Eff. : 88.57 lm/W Fe = 1.9351 W

Electrical parameters

V = 220.5 V I = 0.06539 A P = 6.868 W PF = 0.4764 F=49.99 Hz



EU DECLARATION OF CONFORMITY

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

Declaration Number:
122-SPIC 221 CCT

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

Products:
7W CCT Brass Picture Light

Model Number:
SPIC 221 CCT

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

LVD (2014/35/EU)

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

**EN IEC 60598-2-1:2021, EN IEC 60598-1:2021, EN IEC 62493:2015, EN IEC 62031:2020, EN
61347-1:2015+A1:2021, EN 61347-2-13:2014+A1:2017**



Signed:

Date:

Place of Issue: Republic of Ireland

