

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** ECO LIGHT

**Supplier's address:** Dział Zakupów, Działkowa 2a, 62-872 Godziesze Wielkie Borek Wielkopolska, PL

**Model identifier:** EC79536

## Type of light source:

|   |     |                                 |      |
|---|-----|---------------------------------|------|
| Lighting technology used:                           | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | G13 |                                 |      |
| 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  | 9                    | Energy efficiency class  | F   |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 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 | 6 500   |
| On-mode power ( $P_{on}$ ), expressed in W   | 9,0                  | 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               | 600  | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                | 28   |   |
|  | Depth                | 28   |   |
|  |                      |  | See image in last page  |

|   |      |                                       |                |
|---|------|---------------------------------------|----------------|
| ing control parts and non-lighting control parts, if any (millimetre)   |      |                                       |                |
| Claim of equivalent power <sup>(a)</sup>  | -    | If yes, equivalent power (W)          | -              |
|   |      | Chromaticity coordinates (x and y)    | 0,313<br>0,314 |
| <b>Parameters for LED and OLED light sources:</b>   |      |                                       |                |
| R9 colour rendering index value   | 12   | Survival factor                       | 1,00           |
| the lumen maintenance factor  | 0,96 |                                       |                |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |                                       |                |
| displacement factor (cos $\phi_1$ )   | 0,60 | Colour consistency in McAdam ellipses | 3              |
| 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)   | 0,1  | Stroboscopic effect metric (SVM)      | 0,1            |

(a): not applicable;

(b): not applicable;

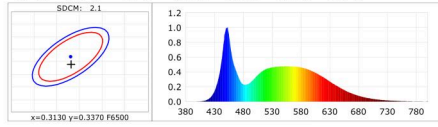
**Lightsource Test Report**

**Product Information**

Product Type: 9W 6500K 100lm/w

**CIE Colorimetric Parameters**

Chromaticity coordinates: x=0.3131 y=0.3340 u'(u')=0.1963 v'(v')=0.3160 v''(v'')=0.4710  
 CCT: Tc=6448K (duv=0.0055) Color Ratio: R=0.131 G=0.815 B=0.054  
 Peak Wavelength: 452.5nm Half Bandwidth: 22.3nm  
 Dominant Wavelength: 492.1nm Color Purity: 0.068  
 CRI: Ra= 81.4 TM30: Rf= 82, Rp= 94  
 R1 =79 R2 =86 R3 =90 R4 =81 R5 =80 R6 =81 R7 =88 R8 =68  
 R9 =14 R10=66 R11=79 R12=55 R13=81 R14=95 R15=74  
 Color Quality Scale: Qa= 80.1, Qf= 80.1, Qp= 80.2, Qg= 90.4  
 Q1 =83 Q2 =98 Q3 =77 Q4 =71 Q5 =77 Q6 =88 Q7 =84 Q8 =89  
 Q9 =86 Q10=85 Q11=81 Q12=81 Q13=81 Q14=69 Q15=74



**Photometric Parameters**

Luminous Flux: 879.73lm Efficiency: 99.18lm/W Radiant Power: 3.385 W  
 EEL: 0.11 Energy Efficiency Class: A++ (EU874-2012)  
 PAR: 3.345W PPF: 15.04 μmol/s R/B: 0.6  
 Photons1: 4.301 μmol/s(400~500nm) Photons2: 3.575 μmol/s(600~700nm)

**Electric Parameters**

Voltage: 230.20V Current: 0.0690A Power: 8.87W  
 Power Factor: 0.5560 Frequency: 49.99Hz

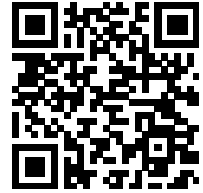
**Test Information**

Scan Range: 380~800.1nm Photometric Method: sphere-photometer (spec\_rev)  
 Stabilization Time: 15 Min Photometric Condition: Sphere diameter: 2.00m, 4Tl  
 Max of Signal: 45023 (2303) CCD Integration Time: 358.61 ms

Condition: Tx:25.3°C, Tl:9.7°C, R.H.:60  
 %Test Lab:  
 Operator:

Test Device: Inventfine CMS-3000S  
 Test Time:  
 Inspector:

Model placed on the Union market from 19/02/2018



**EPREL registration number:** 1161798

<https://eprel.ec.europa.eu/qr/1161798>

**Supplier:** ECO LIGHT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ (Manufacturer)

**Website:** [www.ecolight.pl](http://www.ecolight.pl)

**Customer care service:**

**Name:** Dział Zakupów

**Website:** [ecolight.pl](http://ecolight.pl)

**Email:** [michal.gomula@ecolight.pl](mailto:michal.gomula@ecolight.pl)

**Phone:** +48692783242

**Address:**

Działkowa 2a  
62-872 Borek  
Poland