

# 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:** EC79408

## 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
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### General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	D
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°)	1 215 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	4 000
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)	0,309 0,333
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	13	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;

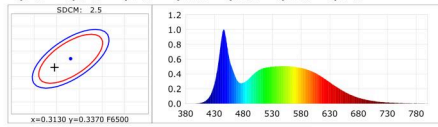
Lightsource Test Report

Product Information

Product Type: 9W 6500K 130lm/w

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3095 y=0.3336 u'(u')=0.1939 v'(v')=0.3135 v''(v'')=0.4703  
 CCT: Tc=6644K (duv=0.00713) Color Ratio: R=0.128 G=0.815 B=0.057  
 Peak Wavelength: 446.3nm Half Bandwidth: 24.2nm  
 Dominant Wavelength: 491.8nm Color Purity: 0.080  
 CRI: Ra= 82.2 TM30: Rf= 94, Rp= 96  
 R1 =79 R2 =85 R3 =91 R4 =83 R5 =81 R6 =82 R7 =88 R8 =69  
 R9 =13 R10=66 R11=83 R12=65 R13=80 R14=95 R15=73  
 Color Quality Scale: Qa= 82.7, Qf= 82.8, Qp= 82.8, Qg= 91.3  
 Q1 =84 Q2 =98 Q3 =81 Q4 =78 Q5 =83 Q6 =85 Q7 =86 Q8 =91  
 Q9 =97 Q10=87 Q11=84 Q12=83 Q13=82 Q14=69 Q15=75



Photometric Parameters

Luminous Flux: 1134.35lm Efficiency: 129.05lm/W Radiant Power: 2.902 W  
 EEI: 0.12 Energy Efficiency Class: A+ (EU874-2012)  
 PAR: 2.870W PPF: 12.82 μmol/s R/B: 0.6  
 Photons1: 3.891 μmol/s(400~500nm) Photons2: 2.951 μmol/s(600~700nm)

Electric Parameters

Voltage: 230.20V Current: 0.0670A Power: 8.7 9W  
 Power Factor: 0.5690 Frequency: 49.99Hz

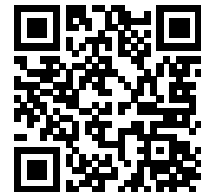
Test Information

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: 45955 (2328) CCD Integration Time: 461.26 ms

Condition: Tx:25.3°C, Ti:10.7°C, R.H.:60  
 %Test Lab:  
 Operator:

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

Model placed on the Union market from 24/04/2017



**EPREL registration number:** 980575

<https://eprel.ec.europa.eu/qr/980575>

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

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