

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: EC79535

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	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°)	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	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 ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,383 0,388
Parameters for LED and OLED light sources:			
R9 colour rendering index value	8	Survival factor	1,00
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_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;

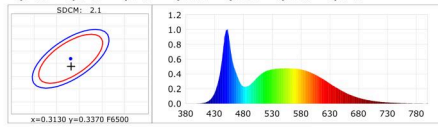
Lightsource Test Report

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

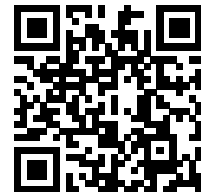
Test Information
 Scan Range: 380~800.1nm
 Stabilization Time: 15 Min
 Max of Signal: 45023 (2303)

Photometric Method: sphere-photometer (spec_rev)
 Photometric Condition: Sphere diameter: 2.00m, 4Tl
 CCD Integration Time: 358.61 ms

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

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

Model placed on the Union market from 31/05/2018



EPREL registration number: 1161794

<https://eprel.ec.europa.eu/qr/1161794>

Supplier: ECO LIGHT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ (Manufacturer)

Website: www.ecolight.pl

Customer care service:

Name: Dział Zakupów

Website: ecolight.pl

Email: michal.gomula@ecolight.pl

Phone: +48692783242

Address:

Działkowa 2a
62-872 Borek
Poland