

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: ECO LIGHT Sp. z o.o., ul. Działkowa 2A 62-872 Borek k. Kalisza, PL

Model identifier: EC79839

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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	10	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	6 500
On-mode power (P_{on}), expressed in W	10,0	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	82
Outer dimensions without separate control gear, lighting control	Height	88	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	45	
	Depth	45	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,310 0,340
Parameters for LED and OLED light sources:			
R9 colour rendering index value	3	Survival factor	1,00
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,50	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 Number: 2

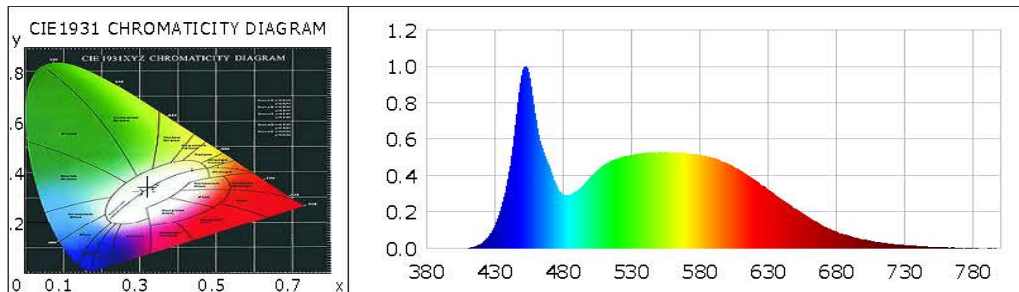
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3194$ $y=0.3456$ $u(u')=0.1963$ $v=0.3186$ $v'=0.4779$
 CCT: $T_c=6080K$ ($duv=0.00829$) Color Ratio: $R=0.135$ $G=0.809$ $B=0.056$
 Peak Wavelength: 452.9nm Half Bandwidth: 24.6nm
 Dominant Wavelength: 503.7nm Color Purity: 0.042
 CRI: $R_a=82.8$ TM30: $R_f=83$, $R_g=93$

R1 =80	R2 =88	R3 =94	R4 =81	R5 =81	R6 =84	R7 =88	R8 =68
R9 =3	R10=72	R11=80	R12=58	R13=82	R14=97	R15=74	

Color Quality Scale: $Q_a=82.3$, $Q_f=82.7$, $Q_p=81.0$, $Q_g=89.8$

Q1 =82	Q2 =98	Q3 =82	Q4 =75	Q5 =79	Q6 =81	Q7 =84	Q8 =89
Q9 =97	Q10=90	Q11=86	Q12=85	Q13=84	Q14=71	Q15=75	



Photometric Parameters

Luminous Flux: 902.36 lm Efficiency: 91.24 lm/W Radiant Power: 3.455 W
 EEI: 0.12 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 231.00V Current: 0.1220A Power: 9.89W
 Power Factor: 0.5440 Frequency: 49.99Hz

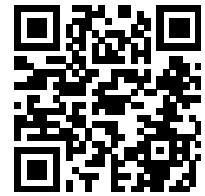
Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec	Photometric Condition: Sphere diameter: 1.50m, 4π
Max of Signal: 46185 (2615)	CCD Integration Time: 108.91 ms

Condition: $T_x:26.3^\circ C$, $T_i:24.6^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2022-02-07 16:07:38
 Inspector:

Model placed on the Union market from 01/09/2021



EPREL registration number: 1155357

<https://eprel.ec.europa.eu/qr/1155357>

Supplier: ECO LIGHT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ (Importer)

Website: www.ecolight.pl

Customer care service:

Name: ECO LIGHT Sp. z o.o.

Website:

Email: marcin.wos@ecolight.pl

Phone: 505991688

Address:

ul. Działkowa 2A 62-872 Borek k. Kalisza
Poland