

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: EC79407

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 (ϕ_{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 ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,386 0,390
Parameters for LED and OLED light sources:			
R9 colour rendering index value	11	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

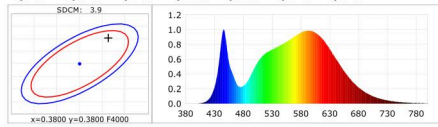
Product Information

Product Type: 9W 4000K 130lm/w

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3863 y=0.3903 u'(u')=0.2236 v'(v')=0.3388 v''=0.5883
 CCT: Tc=3945K (duv=0.0045) Color Ratio: R=0.180 G=0.789 B=0.031
 Peak Wavelength: 446.2nm Half Bandwidth: 20.0nm
 Dominant Wavelength: 577.2nm Color Purity: 0.321
 CRI: Ra= 80.9 TM30: Rf= 83, Rp= 96

R1 =78 R2 =85 R3 =93 R4 =82 R5 =79 R6 =82 R7 =86 R8 =63
 R9 =11 R10=67 R11=81 R12=62 R13=80 R14=96 R15=71
 Color Quality Scale: Qa= 82.6, Qf= 83.0, Qp= 81.9, Qg= 91.8
 Q1 =80 Q2 =98 Q3 =81 Q4 =79 Q5 =83 Q6 =83 Q7 =85 Q8 =89
 Q9 =97 Q10=88 Q11=86 Q12=85 Q13=84 Q14=70 Q15=74



Photometric Parameters

Luminous Flux: 1144.15lm Efficiency: 129.87lm/W Radiant Power: 3.291 W
 EEL: 0.18 Energy Efficiency Class: A++ (EU874-2012)
 PAR: 3.229W PPF: 15.130umol/s R/B: 1.5
 Photons1: 2.494 umol/s(400~500nm) Photons2: 5.343 umol/s(600~700nm)

Electric Parameters

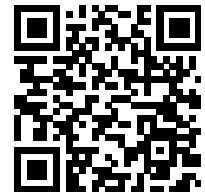
Voltage: 230.20V Current: 0.0660A Power: 8.81W
 Power Factor: 0.5760 Frequency: 49.99Hz

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: 48936 (2418) CCD Integration Time: 702.61 ms

Condition: Tx:25.3°C, Tl:10.6°C, R.H.:60% Test Device: Inventfine CMS-3000S
 Test Lab: Test Time:
 Operator: Inspector:

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



EPREL registration number: 828099

<https://eprel.ec.europa.eu/qr/828099>

Supplier: ECO LIGHT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ (Manufacturer)

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