

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: EC79447

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

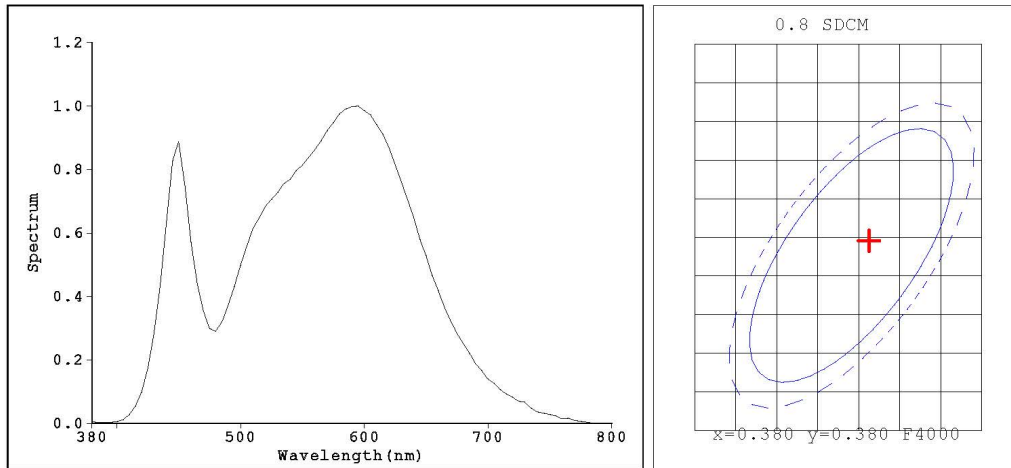
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	630 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	7,0	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	80	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)	0,380 0,380
Parameters for LED and OLED light sources:			
R9 colour rendering index value	9	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;

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3818$ $y=0.3815$
 Chromaticity Coordinate: $u'=0.3818$ $v'=0.3815$ ($duv=1.81e-03$)
 $Tc=3998K$ Dominant WL: $Ld=578.1nm$ Purity=29.1% Centroid WL: $569.0nm$
 Ratio: $R=19.6\%$ $G=77.2\%$ $B=3.1\%$ Peak WL: $Lp=595.0nm$ HWL: $152.0nm$
 Render Index: $Ra=82.9$
 R1 =81 R2 =88 R3 =94 R4 =83 R5 =81 R6 =84 R7 =87
 R8 =65 R9 =9 R10=72 R11=82 R12=66 R13=82 R14=97 R15=75

Photo Parameters:

Flux: 633.08 lm Efficacy: 90.83 lm/W

Electrical Parameters:

Luminaire: $U=230.4V$ $I=0.05054A$ $P=6.97W$ $PF=0.5730$

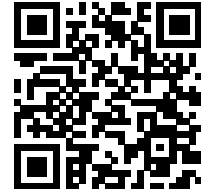
Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$ $Ip=26393$ ($G=6, D=79$)
 REF=16548 ($R=4$) $\%=-1.361\%$ PMT: 25.6 centigrade [24.9]

Product Type: C37
 Number: 0000000217
 Temperature: 25.3 deg
 Test Operator: SD
 Software: V2.00.100

Manufacturer: EVERFINE
 Test Department: SDZM
 Humidity: 65.0%
 Test Date: 2021-08-02 14:27:09
 Instrument: PMS-50SSA_V1 (SN:11040019)

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



EPREL registration number: 768547

<https://eprel.ec.europa.eu/qr/768547>

Supplier: ECO LIGHT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ (Importer)

Website: www.ecolight.pl

Customer care service:

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