

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: EC79333

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

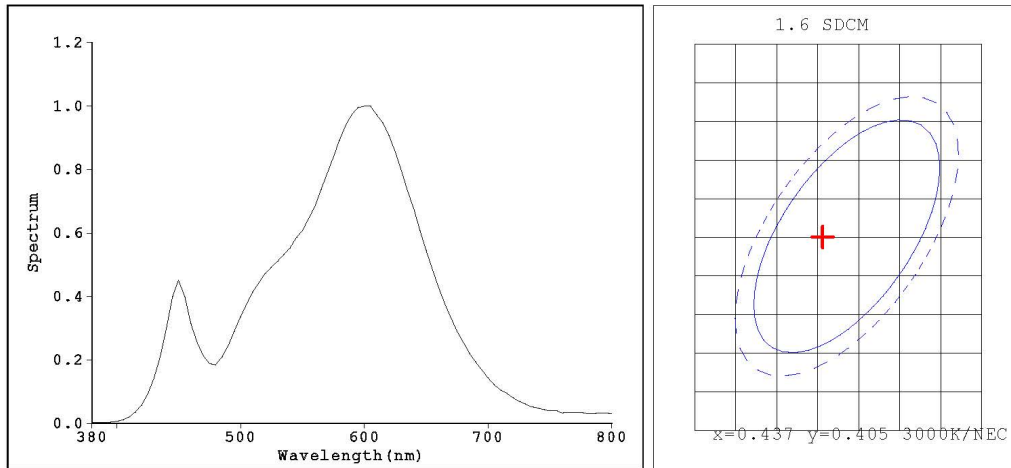
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	450 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	3 000
On-mode power (P_{on}), expressed in W	5,0	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	81
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)	0,430 0,400
Parameters for LED and OLED light sources:			
R9 colour rendering index value	1	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: $x=0.4345$ $y=0.4049$
 Chromaticity Coordinate: $u'=0.4345$ $v'=0.4049$ ($duv=6.81e-04$)
 $Tc=3049K$ Dominant WL: $Ld=582.4nm$ Purity=51.9% Centroid WL: $588.0nm$
 Ratio: $R=24.0\%$ $G=73.7\%$ $B=2.3\%$ Peak WL: $Lp=605.0nm$ HWL: $126.6nm$
 Render Index: $Ra=81.3$
 R1 =79 R2 =90 R3 =96 R4 =80 R5 =80 R6 =88 R7 =82
 R8 =56 R9 =-1 R10=77 R11=79 R12=73 R13=81 R14=98 R15=71

Photo Parameters:

Flux: 455.14 lm Efficacy: 89.42 lm/W

Electrical Parameters:

Luminaire: $U=229.5V$ $I=0.04479A$ $P=5.09W$ $PF=0.5538$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$ $Ip=17320$ ($G=6, D=61$)
 REF=15078 ($R=4$) $\%=-0.762\%$ PMT: 32.6 centigrade [29.5]

Number: 0000000266
 Temperature: 25.3 deg
 Test Operator: SD
 Software: V2.00.100

Test Department: SD
 Humidity: 65.0%
 Test Date: 2021-09-22 15:12:16
 Instrument: PMS-50SSA_V1 (SN:11040019)

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



EPREL registration number: 828073

<https://eprel.ec.europa.eu/qr/828073>

Supplier: ECO LIGHT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ (Importer)

Website: www.ecolight.pl

Customer care service:

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