

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: EC79120

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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

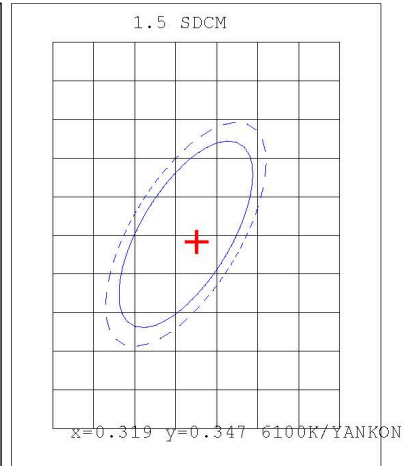
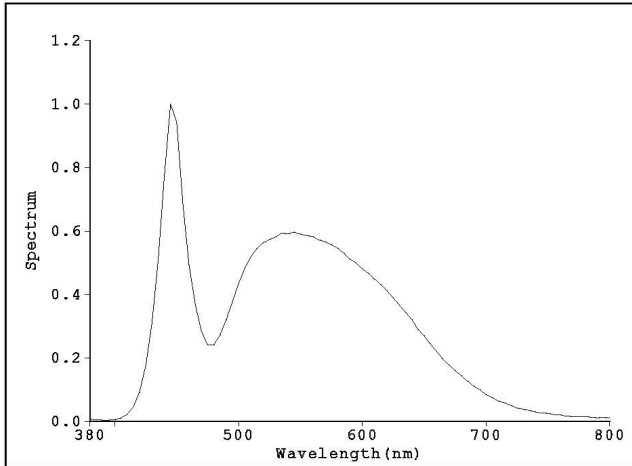
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	6 500
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	80
Outer dimensions without separate control gear, lighting control	Height	100	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	37	
	Depth	37	
			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)	0,320 0,340
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)	0,50	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: $x=0.3201$ $y=0.3462$
 Chromaticity Coordinate: $u'=0.3201$ $v'=0.3462$ ($duv=8.20e-03$)
 $Tc=6043K$ Dominant WL: $Ld=505.0nm$ Purity=4.0% Centroid WL: $544.0nm$
 Ratio: $R=14.6\%$ $G=81.0\%$ $B=4.4\%$ Peak WL: $Lp=445.0nm$ $HWL=25.0nm$
 Render Index: $Ra=81.7$
 R1 =79 R2 =83 R3 =87 R4 =83 R5 =81 R6 =79 R7 =88
 R8 =72 R9 =12 R10=62 R11=83 R12=62 R13=80 R14=93 R15=75

Photo Parameters:

Flux: 468.57 lm Fe: 1.5047 W Efficacy: 90.18 lm/W

Electrical Parameters:

Luminaire: U=230.3V I=0.04415A P=5.196W PF=0.5604

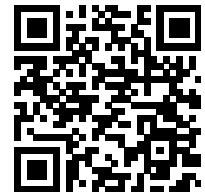
Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0] $I_p=45791$ ($G=6, D=47$)
 REF=14623 (R=4) $\%=-0.968\%$ PMT: 20.9 centigrade [20.6]

Number: 0000000283
 Temperature: 25.3 deg Test
 Operator: SD
 Software: V2.00.100

Manufacturer: EVERFINE
 Test Department: SD
 Humidity: 65.0%
 Test Date: 2021-10-24 15:18:10
 Instrument: PMS-50SSA_V1 (SN:11040019)

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



EPREL registration number: 977116

<https://eprel.ec.europa.eu/qr/977116>

Supplier: ECO LIGHT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ (Importer)

Website: www.ecolight.pl

Customer care service:

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