

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: EC79558

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

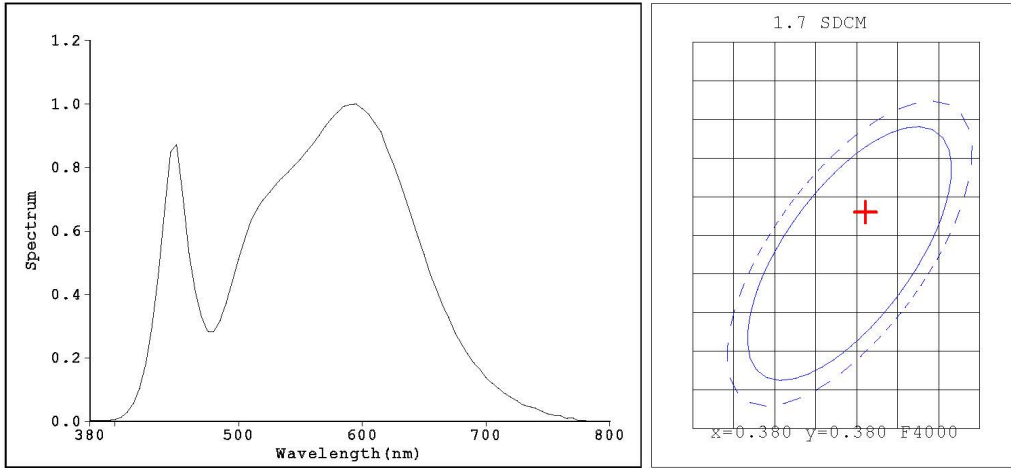
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	7	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: $x=0.3817$ $y=0.3843$
 Chromaticity Coordinate: $u'=0.3817$ $v'=0.3843$ (duv=3.13e-03)
 Tc=4021K Dominant WL:Ld=577.4nm Purity=29.9% Centroid WL:569.0nm
 Ratio:R=19.4% G=77.5% B=3.1% Peak WL:Lp=595.0nm HWL:152.9nm
 Render Index:Ra=82.5
 R1 =80 R2 =87 R3 =94 R4 =83 R5 =81 R6 =83 R7 =87
 R8 =65 R9 =7 R10=70 R11=82 R12=65 R13=82 R14=97 R15=74

Photo Parameters:

Flux: 634.27 lm Efficacy:90.87 lm/W

Electrical Parameters:

Luminaire: U=230.4V I=0.04960A P=6.98W PF=0.5764

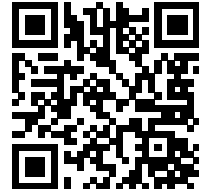
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=26377(G=6,D=79)
 REF=16968(R=4) %=-1.425% PMT: 25.4 centigrade [25.1]

Product Type:C37
 Number:0000000216
 Temperature:25.3 deg
 Test Operator:SD
 Software:V2.00.100

Manufacturer:EVERFINE
 Test Department:SDZM
 Humidity:65.0%
 Test Date:2021-08-02 14:23:02
 Instrument:PMS-50SSA_V1 (SN:11040019)

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



EPREL registration number: 1024548

<https://eprel.ec.europa.eu/qr/1024548>

Supplier: ECO LIGHT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ (Importer)

Website: www.ecolight.pl

Customer care service:

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