

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: EC79131

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

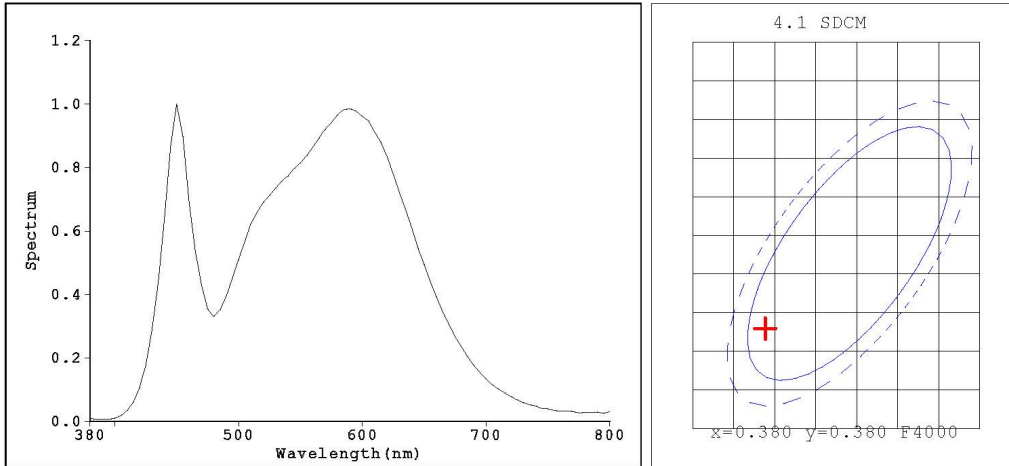
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	4 000
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	83
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)	0,370 0,370
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: $x=0.3711$ $y=0.3722$
 Chromaticity Coordinate: $u'=0.3711$ $v'=0.3722$ ($duv=6.79e-04$)
 $T_c=4231K$ Dominant WL: $L_d=577.7nm$ Purity=23.1% Centroid WL: 566.0nm
 Ratio: R=19.0% G=77.5% B=3.5% Peak WL: $L_p=450.0nm$ HWL: 30.1nm
 Render Index: $R_a=83.3$
 R1 =81 R2 =89 R3 =94 R4 =83 R5 =82 R6 =85 R7 =87
 R8 =66 R9 =9 R10=74 R11=82 R12=65 R13=83 R14=97 R15=75

Photo Parameters:

Flux: 461.86 lm Fe: 1.4050 W Efficacy: 89.98 lm/W

Electrical Parameters:

Luminaire: U=229.5V I=0.04529A P=5.133W PF=0.5515

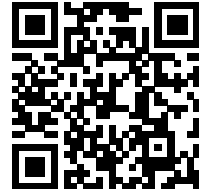
Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0] $I_p=24592$ (G=6, D=61)
 REF=14402 (R=4) $\%=-0.654\%$ PMT: 33.4 centigrade [29.2]

Number: 0000000276
 Temperature: 25.3 deg
 Test Operator: SD
 Software: V2.00.100

Test Department: SD
 Humidity: 65.0%
 Test Date: 2021-09-22 15:45:15
 Instrument: PMS-50SSA_V1 (SN:11040019)

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



EPREL registration number: 828089

<https://eprel.ec.europa.eu/qr/828089>

Supplier: ECO LIGHT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ (Importer)

Website: www.ecolight.pl

Customer care service:

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