

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: EC67761

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	3	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°)	270 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	3,0	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)	0,380 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;

Lightsource Test Report

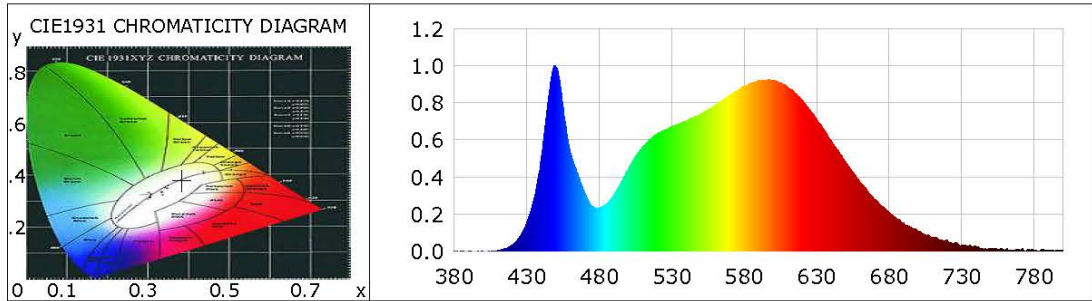
Product Information

Product Category: 3W-4000K

Product Number:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3835$ $y=0.3814$ $u(u')=0.2252$ $v=0.3361$ $v'=0.5041$
 CCT: $T_c=3953K$ ($duv=0.00130$) Color Ratio: $R=0.184$ $G=0.782$ $B=0.034$
 Peak Wavelength: 449.4nm Half Bandwidth: 21.4nm
 Dominant Wavelength: 578.6nm Color Purity: 0.296
 CRI: $R_a=83.0$ TM30: $R_f=84$, $R_g=96$
 GAI: $GAI_BB_8=91.7$, $GAI_BB_15=97.9$, $GAI_EES=71.7$
 R1 =81 R2 =88 R3 =94 R4 =83 R5 =82 R6 =85 R7 =86 R8 =65
 R9 =9 R10=73 R11=83 R12=62 R13=83 R14=97 R15=75
 Color Quality Scale: $Q_a=83.3$, $Q_f=83.4$, $Q_p=83.3$, $Q_g=93.2$
 Q1 =82 Q2 =99 Q3 =80 Q4 =78 Q5 =83 Q6 =84 Q7 =86 Q8 =89
 Q9 =98 Q10=89 Q11=86 Q12=85 Q13=84 Q14=73 Q15=76



Photometric Parameters

Luminous Flux: 372.70 lm Efficiency: 88.54 lm/W Radiant Power: 1.204 W
 EEI: 0.11 Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 230.30V Current: 0.0330A Power: 3.08W
 Power Factor: 0.5410 Frequency: 49.99Hz

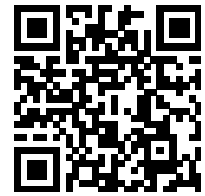
Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 45427 (3093) CCD Integration Time: 617.02 ms

Condition: Tx:24.4°C, Ti:22.7°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time:
 Inspector:

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



EPREL registration number: 1045620

<https://eprel.ec.europa.eu/qr/1045620>

Supplier: ECO LIGHT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ (Importer)

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