

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** ENOVALITE

**Supplier's address:** ENOVATEK GmbH, Sillensteder Straße 213, 26441 Jever, DE

**Model identifier:** ELED600310

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	SMD		
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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	60	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	6 000 in Wide cone (120°)	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	60,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,50
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	595	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	1 195	
	Depth	9	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,380 0,382
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	2 589	Beam angle in degrees, or the range of beam angles that can be set	120
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	80	Survival factor	-
the lumen maintenance factor	-		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	6
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)	1,0	Stroboscopic effect metric (SVM)	0,9

(a) '-': not applicable;

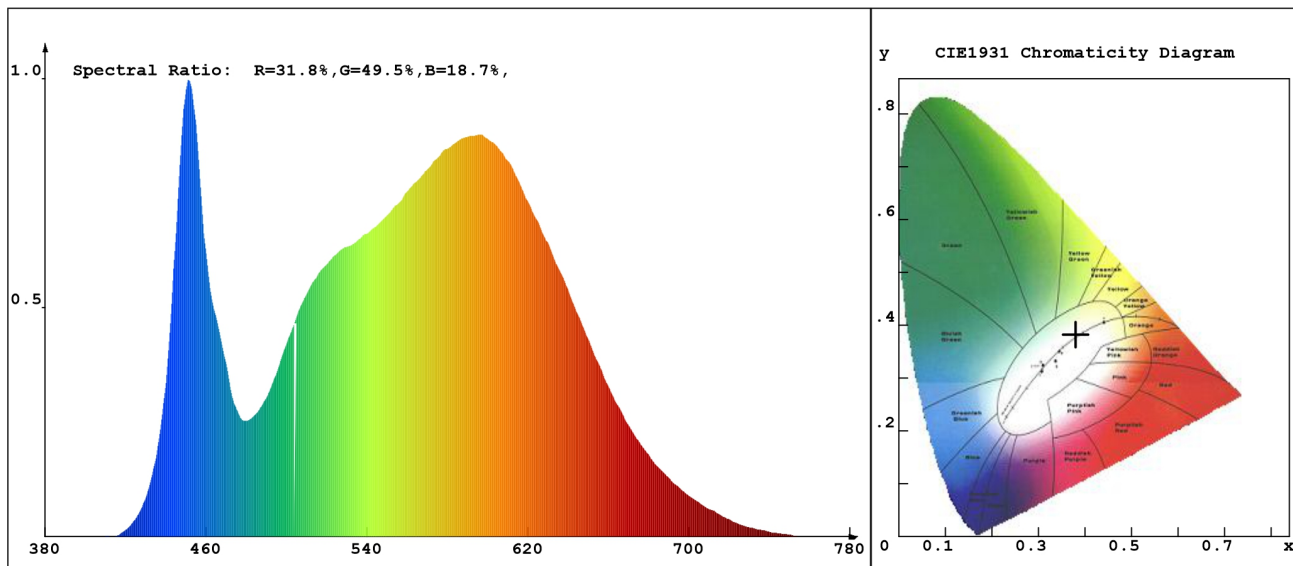
(b) '-': not applicable;

# LED Test Report

**Product Mark**

Product Type :  
 Temperature :65°C  
 Operator :admin  
 Remark:

Manufacturer :BOHUA  
 Humidity :65%  
 Test Date :2021-06-08 13:32:42



**Chroma Parameters**

Chro.Coord.:x=0.3805 y=0.3824 u=0.2229 v=0.3360 duv=0.0026  
 CCT: 4039K Dominant Wave.:577.6nm Purity:29.0%  
 Flux RGB Ratio:R=17.9%,G=79.7%,B=2.4% Peak Wave:451.6nm Half Width:21.0nm

**Rendering Index:Ra= 82.3**

R1 =80	R2 =88	R3 =95	R4 =81	R5 =81	R6 =85	R7 =85	R8 =62
R9 =2	R10=73	R11=80	R12=58	R13=82	R14=98	R15=73	

**Photo Parameters**

Flux:7244.00lm Effi.:119.5lm/W Radiant:19879.0mW Iv:0.0mcd  
 Efficiency:0.114 Effi Level:A+ (EU 874-2012)

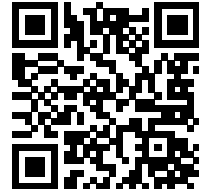
**Ele. Parameters**

Voltage:U=229.900V Current:I=0.2690A  
 Power:P=60.61W Power Factor:PF=0.980

**Instrument state**

Instrument:Hopoo HP8000 Integral Time: 30.567ms VPeak: 14506  
 VDark: 1039 Scan Range: 380-780nm Product ID: 201306373

Model placed on the Union market from 16/03/2023



**EPREL registration number:** 1526974

<https://eprel.ec.europa.eu/qr/1526974>

**Supplier:** ENOVATEK GmbH (Importer)

**Website:** [www.enovatek.de](http://www.enovatek.de)

**Customer care service:**

**Name:** ENOVATEK GmbH

**Website:** [www.enovatek.de](http://www.enovatek.de)

**Email:** [info@enovatek.de](mailto:info@enovatek.de)

**Phone:** +49 4461 / 7464233

**Address:**

Sillensteder Straße 213  
26441 Jever  
Germany