

# 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:** ELED600108

## 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:	Yes	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	36	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°)	3 600 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	3 000
On-mode power ( $P_{on}$ ), expressed in W	36,0	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	620	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	620	
	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)	0,441 0,404
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 969	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 :504000

Temperature :65°C

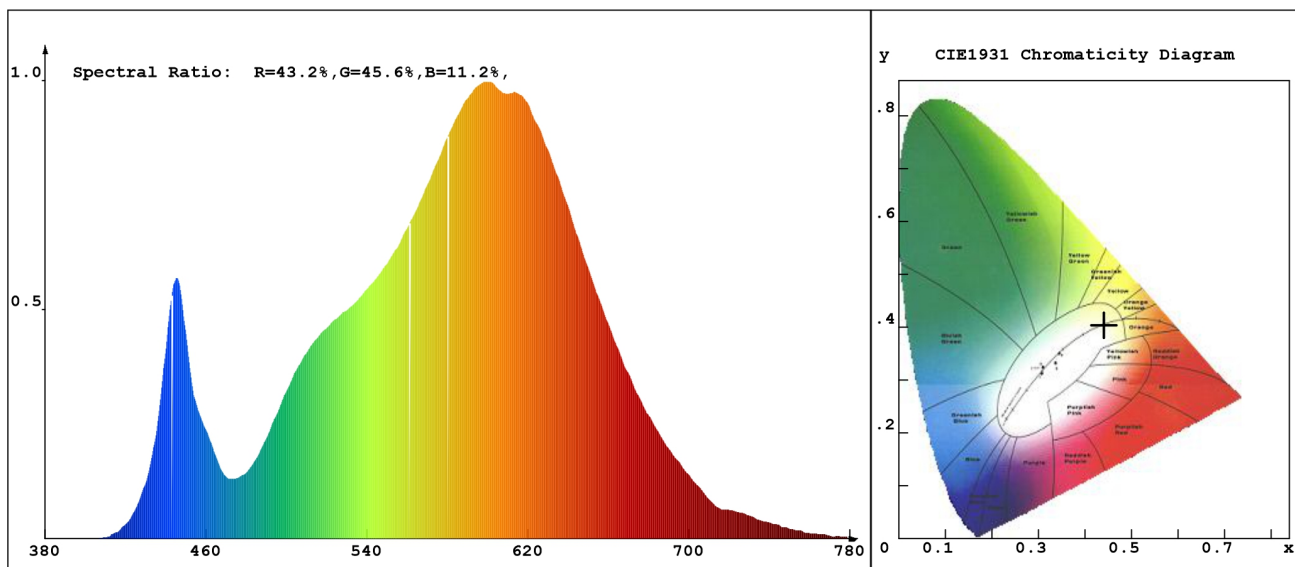
Operator :admin

Remark:

Manufacturer :BOHUA

Humidity :65%

Test Date :2021-06-01 13:47:32



**Chroma Parameters**

Chro.Coor.:x=0.4410 y=0.4046 u=0.2530 v=0.3481 duv=-0.0003

CCT: 2937K Dominant Wave.:583.2nm Purity:53.8%

Flux RGB Ratio:R=23.1%,G=75.6%,B=1.3% Peak Wave:599.6nm Half Width:127.0nm

**Rendering Index:Ra= 81.5**

R1 =78	R2 =88	R3 =97	R4 =83	R5 =82	R6 =88	R7 =81	R8 =56
R9 =4	R10=74	R11=82	R12=73	R13=80	R14=98	R15=71	

**Photo Parameters**

Flux:3591.49lm      Effi.:101.6lm/W      Radiant:9830.8mW      Iv:0.0mcd  
 Efficiency:0.134      Effi Level:A+ (EU 874-2012)

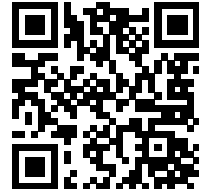
**Ele. Parameters**

Voltage:U=230.200V      Current:I=0.1600A  
 Power:P=35.34W      Power Factor:PF=0.958

**Instrument state**

Instrument:Hopoo HP8000      Integral Time: 50.215ms      VPeak: 13162  
 VDark: 1335      Scan Range: 380-780nm      Product ID: 201306373

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



**EPREL registration number:** 1526899

<https://eprel.ec.europa.eu/qr/1526899>

**Supplier:** ENOVATEK GmbH (Importer)

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

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