

# 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:** ELED600202

## 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	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	295	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)	0,438 0,403
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 129	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 :812317

Temperature :65°C

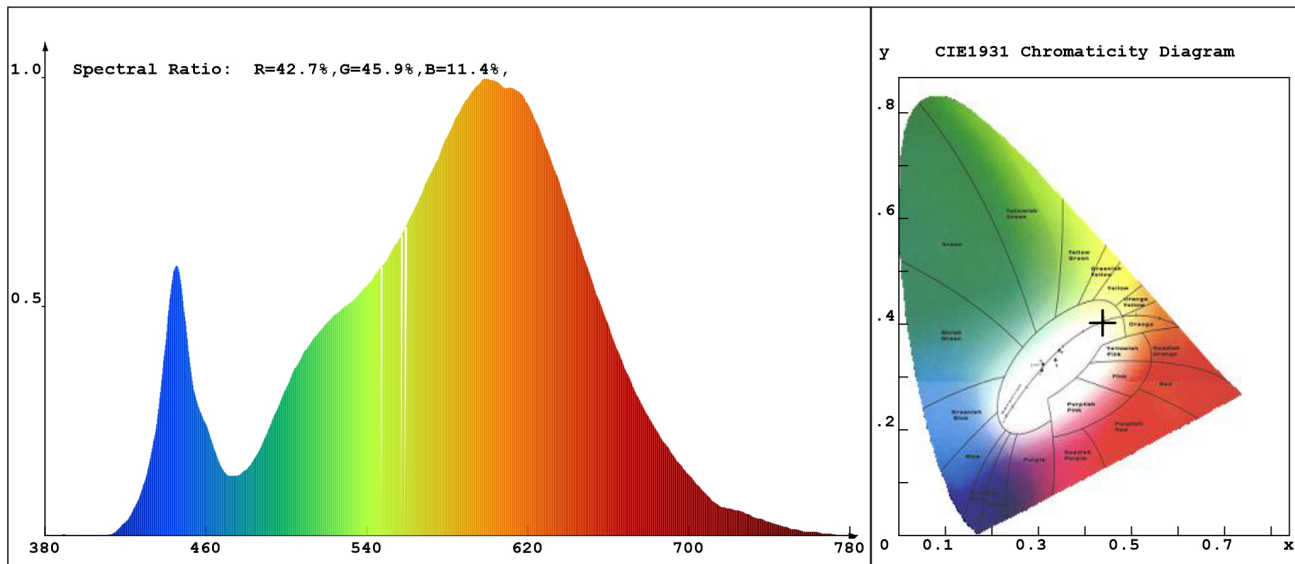
Operator :admin

Remark:

Manufacturer :

Humidity :65%

Test Date :2021-05-28 10:03:03



**Chroma Parameters**

Chro.Coord.:x=0.4380 y=0.4030 u=0.2517 v=0.3474 duv=-0.0006

CCT: 2973K Dominant Wave.:583.1nm Purity:52.5%

Flux RGB Ratio:R=23.0%,G=75.7%,B=1.3% Peak Wave:599.6nm Half Width:127.2nm

**Rendering Index:Ra= 82.1**

R1 =80 R2 =89 R3 =97 R4 =81 R5 =81 R6 =87 R7 =83 R8 =59

R9 =5 R10=76 R11=81 R12=73 R13=82 R14=98 R15=73

**Photo Parameters**

Flux:3634.52lm

Effi.:104.0lm/W

Radiant:10063.1mW

Iv:0.0mcd

Efficiency:0.131

Effi Level:A+ (EU 874-2012)

**Ele. Parameters**

Voltage:U=231.800V

Current:I=0.1570A

Power:P=34.96W

Power Factor:PF=0.957

**Instrument state**

Instrument:Hopoo HP8000

Integral Time: 59.800ms

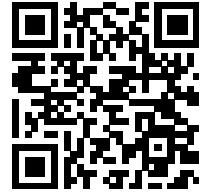
VPeak: 15610

VDark: 1294

Scan Range: 380-780nm

Product ID: 201306373

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



**EPREL registration number:** 1526942

<https://eprel.ec.europa.eu/qr/1526942>

**Supplier:** ENOVATEK GmbH (Importer)

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