

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: ELED600101

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	36	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°)	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	6 000
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 ^(a)	Yes	If yes, equivalent power (W)	36
		Chromaticity coordinates (x and y)	0,314 0,345
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 340	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:			
R9 colour rendering index value	80	Survival factor	-
the lumen maintenance factor	-		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_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;

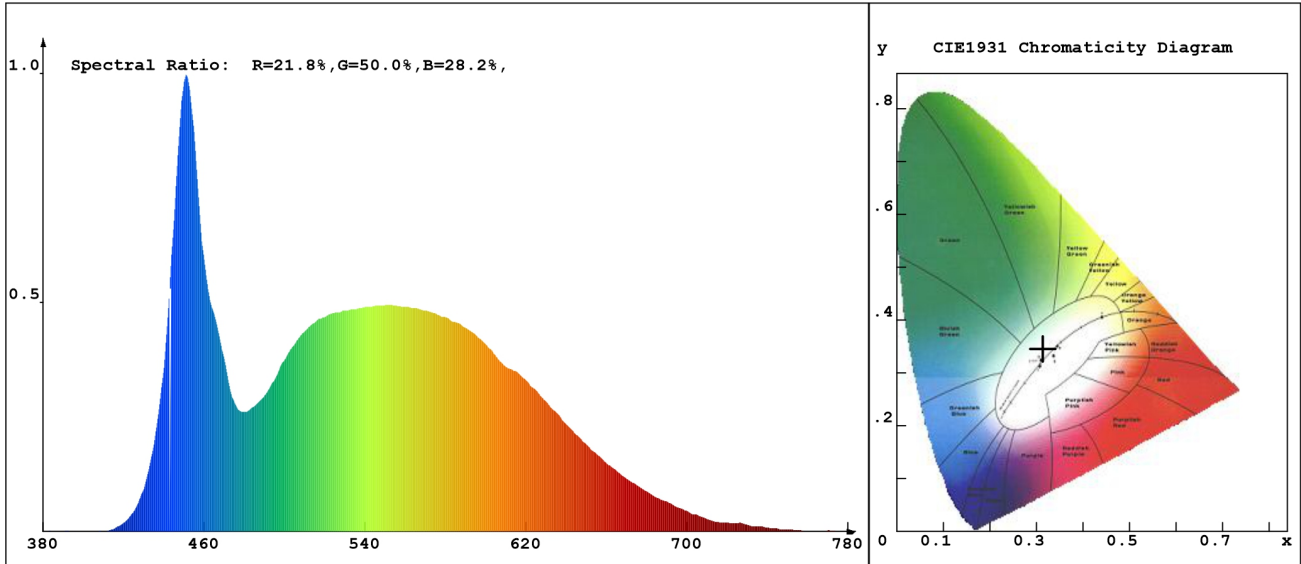
(b) : not applicable;

LED Test Report

Product Mark

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

Manufacturer :BOHUA
 Humidity :65%
 Test Date :2021-05-14 10:27:04



Chroma Parameters

Chro.Coord.:x=0.3142 y=0.3456 u=0.1928 v=0.3181 duv=0.0107
 CCT: 6321K Dominant Wave.:500.2nm Purity:5.9%
 Flux RGB Ratio:R=12.8%,G=83.4%,B=3.8% Peak Wave:451.6nm Half Width:20.4nm

Rendering Index:Ra= 81.7

R1 =78 R2 =86 R3 =93 R4 =79 R5 =79 R6 =83 R7 =89 R8 =67
 R9 =-2 R10=69 R11=78 R12=56 R13=80 R14=96 R15=72

Photo Parameters

Flux:4031.37lm Effi.:114.1lm/W Radiant:11324.3mW Iv:0.0mcd
 Efficiency:0.119 Effi Level:A+ (EU 874-2012)

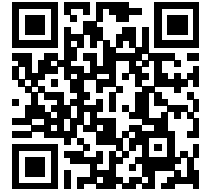
Ele. Parameters

Voltage:U=228.800V Current:I=0.1610A
 Power:P=35.34W Power Factor:PF=0.959

Instrument state

Instrument:Hopoo HP8000 Integral Time: 36.915ms VPeak: 13418
 VDark: 1294 Scan Range: 380-780nm Product ID: 201306373

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



EPREL registration number: 1526813

<https://eprel.ec.europa.eu/qr/1526813>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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