

Product Information Sheet

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

Supplier's name or trade mark: ENOVA

Supplier's address: ENOVATEK GmbH, Am Bullhamm 37, 26441 Jever, DE

Model identifier: ELED 600109

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):	Nein
Colour-tuneable light source:	Nein	Envelope:	-
High luminance light source:	Nein		
Anti-glare shield:	Ja	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	4 000	
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	Height	Spectral power distribution in the	See image in last page	
	Width			620
	Depth			9

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,382 0,385	
Parameters for directional light sources:				
Peak luminous intensity (cd)	2 128	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 :504000

Temperature :65°C

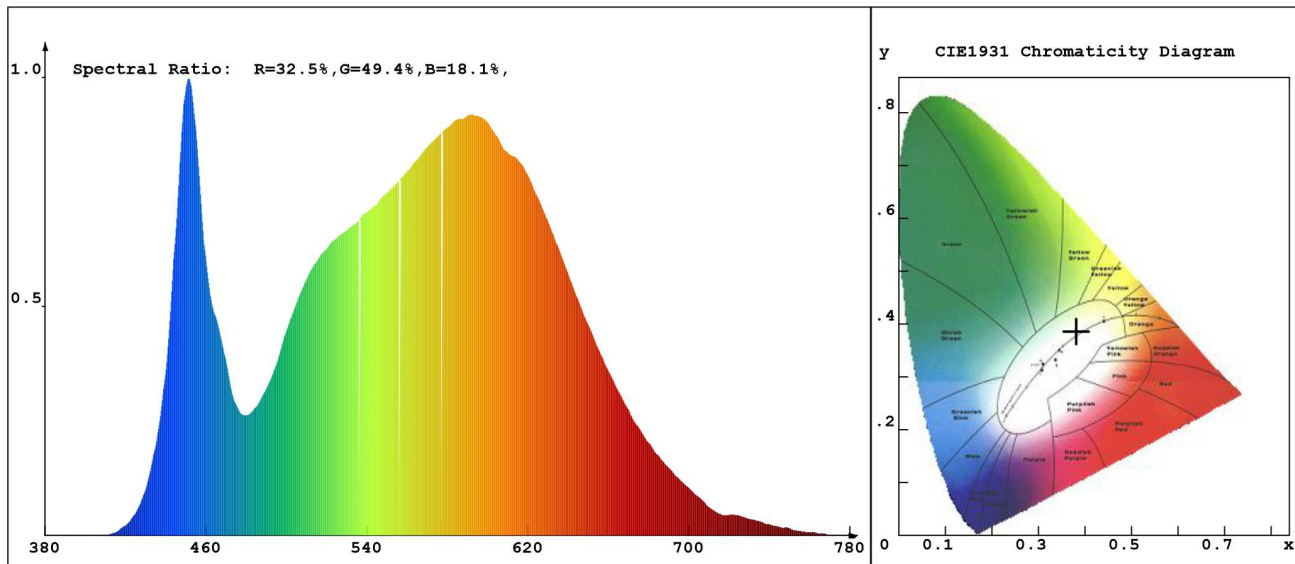
Operator :admin

Remark:

Manufacturer :BOHUA

Humidity :65%

Test Date :2021-05-03 10:24:21



Chroma Parameters

Chro.Coord.:x=0.3820 y=0.3858 u=0.2226 v=0.3372 duv=0.0037

CCT: 4022K Dominant Wave.:577.1nm Purity:30.4%

Flux RGB Ratio:R=17.8%,G=79.9%,B=2.3% Peak Wave:451.6nm Half Width:20.1nm

Rendering Index:Ra= 82.1

R1 =79	R2 =88	R3 =95	R4 =81	R5 =80	R6 =84	R7 =86	R8 =63
R9 =4	R10=72	R11=80	R12=59	R13=81	R14=97	R15=73	

Photo Parameters

Flux:3862.07lm Eff.:114.2lm/W Radiant:10394.8mW Iv:0.0mcd

Efficiency:0.119 Effi Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=230.500V

Current:I=0.1530A

Power:P=33.81W

Power Factor:PF=0.954

Instrument state

Instrument:Hopoo HP8000

Integral Time: 55.710ms

VPeak: 14538

VDark: 1345

Scan Range: 380-780nm

Product ID: 201306373