

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 600103

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:	Nein	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		
	Depth		

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)	0,384 0,387	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 330	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;

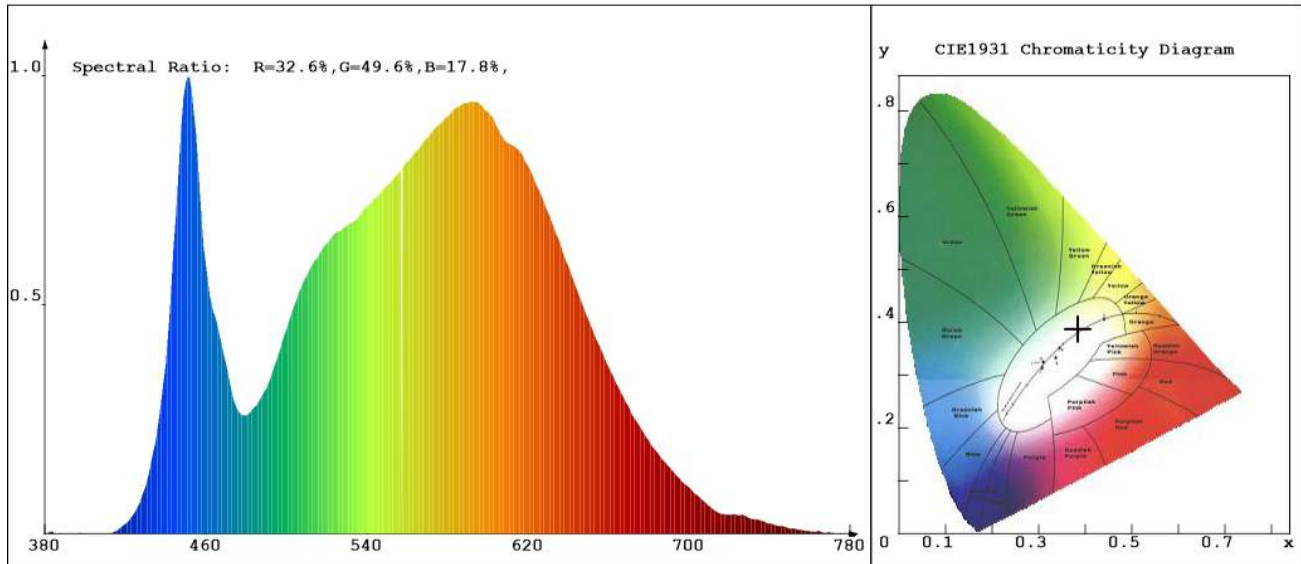
(b) - : not applicable;

LED Test Report

Product Mark

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

Manufacturer : BOHUA
 Humidity : 65%
 Test Date : 2021-05-17 17:20:26



Chroma Parameters

Chro.Coar.: $x=0.3842$ $y=0.3871$ $u=0.2235$ $v=0.3378$ $duv=0.0037$
 CCT: 3975K Dominant Wave.: 577.4nm Purity: 31.5%
 Flux RGB Ratio: $R=17.9\%$, $G=79.9\%$, $B=2.2\%$ Peak Wave: 451.6nm Half Width: 20.1nm

Rendering Index: Ra= 81.7

R1 =79	R2 =88	R3 =95	R4 =81	R5 =80	R6 =84	R7 =86	R8 =62
R9 =2	R10=71	R11=79	R12=58	R13=81	R14=97	R15=72	

Photo Parameters

Flux: 4027.90lm E_m : 114.9lm/W Radiant: 10815.6mW Iv: 0.0mcd
 Efficiency: 0.119 E_m Level: A+ (EU 874-2012)

Ele. Parameters

Voltage: $U=230.200V$ Current: $I=0.1590A$
 Power: $P=35.06W$ Power Factor: PF=0.956

Instrument state

Instrument: Hopoo HP8000	Integral Time: 56.802ms	VPeak: 14746
VDark: 1328	Scan Range: 380-780nm	Product ID: 201306373