

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 600100

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			9
	Depth			620

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;

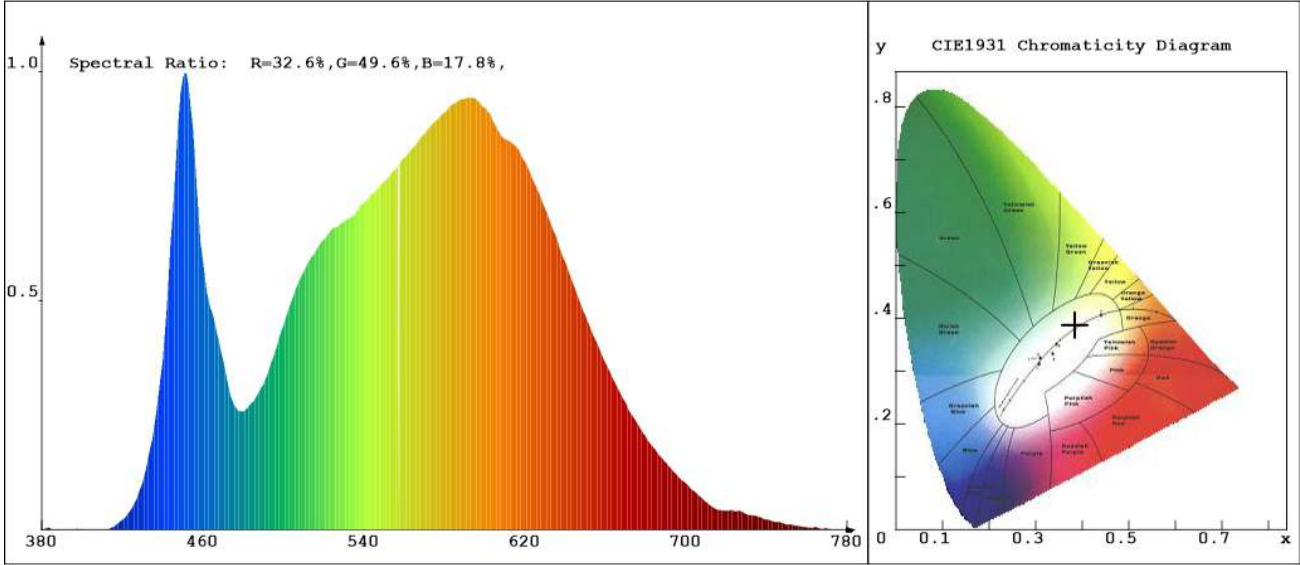
(b) : not applicable;

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.Coor.: 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 Eff.: 114.9lm/W Radiant: 10815.6mW Iv: 0.0mcd
 Efficiency: 0.119 Eff 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