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 (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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	9	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	620		
Outer dimensions without — 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 ϕ1)		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

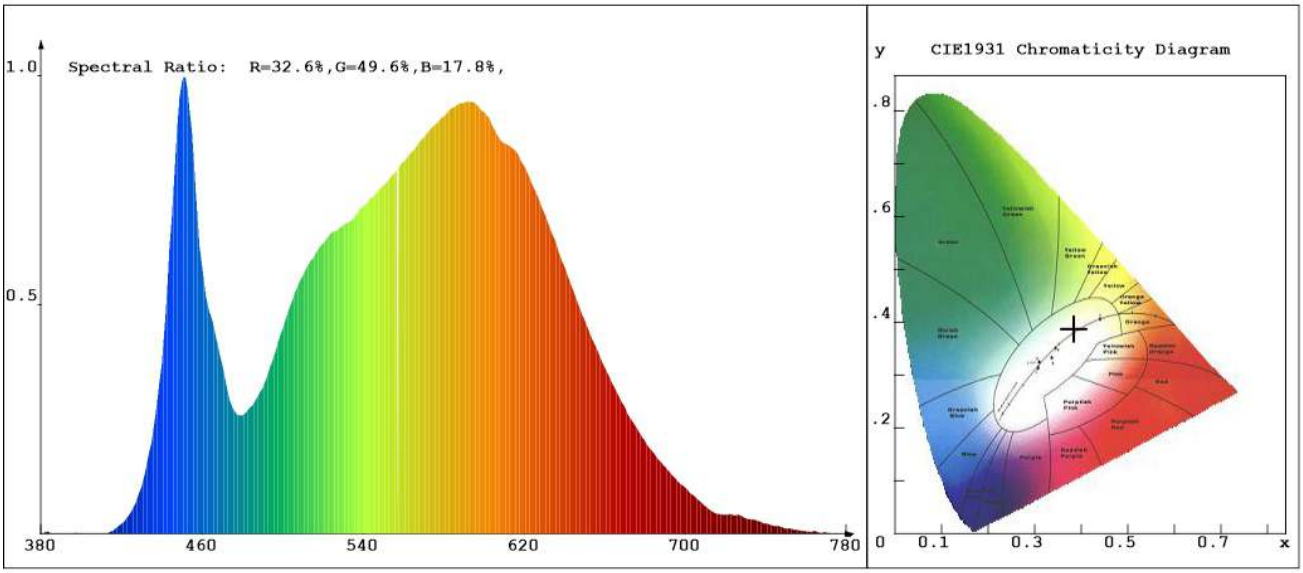
[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

LED Test Report

Product Mark

Product Type :
Manufacturer :BOHUA
Temperature :65'C
Humidity :65%
Operator :admin
Test Date :2021-05-17 17:20:26
Remark:



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 Effi.:114.91m/W Radiant:10815.6mW Iv:0.0mcd
Efficiency:0.119 Effi 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