

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, Sillensteder Straße 213, 26441 Jever, DE

Model identifier: ELED600210

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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:	Yes	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 Narrow cone (90°)	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 separate control gear, lighting control	Height	9	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	295	
	Depth	1 195	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,379 0,384
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;

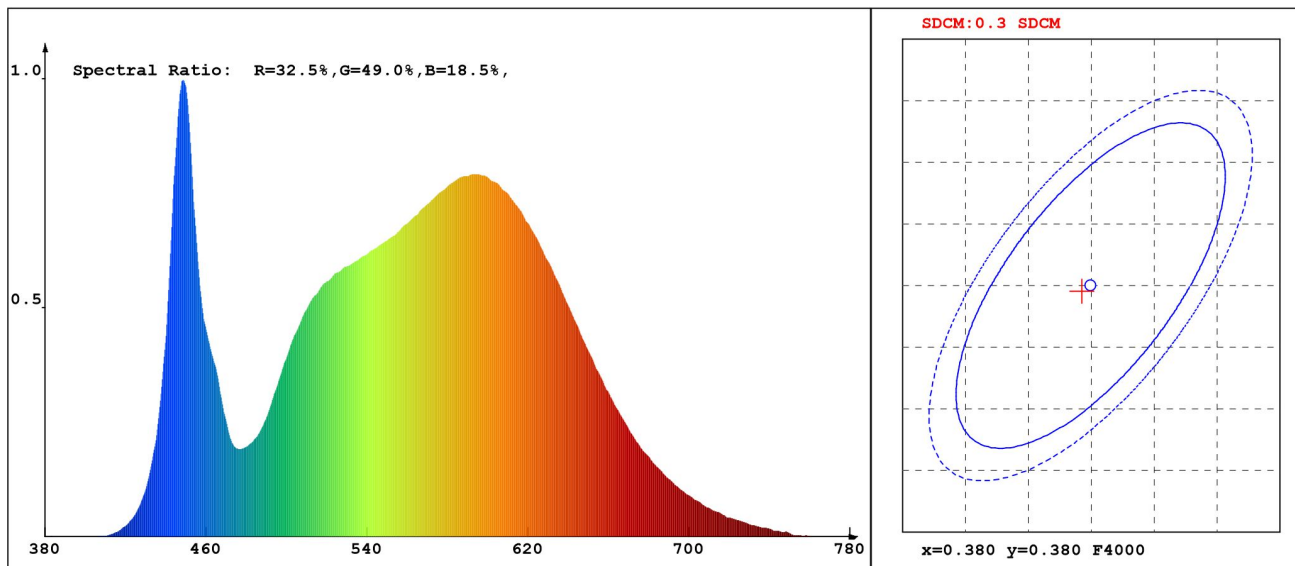
(b)-: not applicable;

LED Test Report

Product Mark

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

Manufacturer :BOHUA
 Humidity :65%
 Test Date :2022-11-11 10:28:03



Chroma Parameters

Chro.Coor.:x=0.3793 y=0.3795 u=0.2232 v=0.3351 duv=0.0016
 CCT: 4052K Dominant Wave.:578.0nm Purity:27.7%
 Flux RGB Ratio:R=18.0%,G=79.8%,B=2.2% Peak Wave:448.5nm Half Width:17.1nm

Rendering Index:Ra= 82.8

R1 =81	R2 =88	R3 =93	R4 =83	R5 =81	R6 =84	R7 =87	R8 =66
R9 =8	R10=71	R11=83	R12=60	R13=82	R14=96	R15=75	

Photo Parameters

Flux:4194.83lm Eff.:105.7lm/W Radiant:11696.2mW Iv:0.0mcd
 Efficiency:0.109 Eff Level:A++ (EU 874-2012)

Ele. Parameters

Voltage:U=229.000V Current:I=0.1500A
 Power:P=33.65W Power Factor:PF=0.977

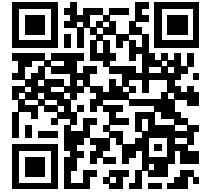
Lamp Parameters

Voltage:U=0.000V Current:I=0.0000A Power:P=0.00W
 Power Factor:PF=1.000 Efficacy:0.01lm/W

Instrument state

Instrument:Hopoo HP8000 Integral Time: 21.416ms VPeak: 13562
 VDark: 1241 Product ID: 201306373

Model placed on the Union market from 14/12/2022



EPREL registration number: 1428237

<https://eprel.ec.europa.eu/qr/1428237>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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