

Product Information Sheet

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

Supplier's name or trade mark: ENOVALITE

Supplier's address: ENOVATEK GmbH, Sillensteder Straße 213, 26441 Jever, DE

Model identifier: ELED600206

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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

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	3 000 or 4 000 or 6 000
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	295	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	1 195	
	Depth	9	
			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)	0,312 0,401
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 593	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

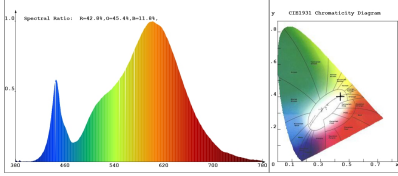
(a) '-': not applicable;

(b) '-': not applicable;

LED Test Report

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

Manufacturer :BOMBA
 Humidity :65%
 Test Date :2021-05-19 15:22:56



Chroma Parameters
 Chromo.Coor: x=0.4381 y=0.4018 u=0.2523 v=0.3471 duv=0.0011
 CCT: 2982K Dominant Wave: 583.6nm Purity:52.13
 Flux RGB Ratio:R=23.04,G=75.74,B=1.44 Peak Wave:602.7nm Half Width:125.0nm

Rendering Index:Ra= 81.4
 R1 =79 R2 =89 R3 =97 R4 =82 R5 =81 R6 =87 R7 =81 R8 =56
 R9 =3 R10=76 R11=81 R12=73 R13=81 R14=99 R15=71

Photo Parameters
 Flux:4846.8lm EM:1103.4lm/W Radiant:11231.9mW Iv:0.0mcd
 Efficiency:0.132 EM Level:A (EU 874-2012)

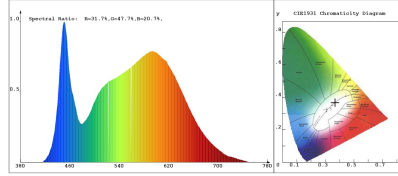
Ele. Parameters
 Voltage:U=230.500V Current:I=0.1790A
 Power:P=39.15W Power Factor:PF=0.946

Instrument state
 Instrument:Hopoo HP8000 Integral Time: 47.01ms VPeak: 13658
 VWeak: 1238 Scan Range: 380~780nm Product ID: 201306373

LED Test Report

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

Manufacturer :BOMBA
 Humidity :65%
 Test Date :2021-05-19 15:20:50



Chroma Parameters
 Chromo.Coor: x=0.3689 y=0.3676 u=0.2211 v=0.3305 duv=0.0008
 CCT: 4271K Dominant Wave: 578.5nm Purity:21.04
 Flux RGB Ratio:R=18.01,G=79.34,B=2.74 Peak Wave:450.5nm Half Width:122.2nm

Rendering Index:Ra= 86.1
 R1 =85 R2 =92 R3 =95 R4 =85 R5 =85 R6 =88 R7 =88 R8 =70
 R9 =22 R10=80 R11=85 R12=65 R13=87 R14=98 R15=80

Photo Parameters
 Flux:6981.60lm EM:1116.4lm/W Radiant:12206.7mW Iv:0.0mcd
 Efficiency:0.117 EM Level:A (EU 874-2012)

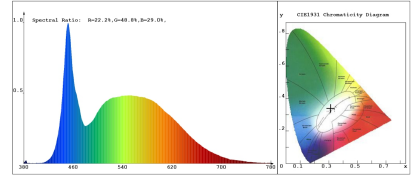
Ele. Parameters
 Voltage:U=230.500V Current:I=0.1720A
 Power:P=37.63W Power Factor:PF=0.946

Instrument state
 Instrument:Hopoo HP8000 Integral Time: 49.80ms VPeak: 13328
 VWeak: 1244 Scan Range: 380~780nm Product ID: 201306373

LED Test Report

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

Manufacturer :BOMBA
 Humidity :65%
 Test Date :2021-05-19 15:22:23



Chroma Parameters
 Chromo.Coor: x=0.3328 y=0.3404 u=0.1936 v=0.3162 duv=0.0089
 CCT: 6431K Dominant Wave: 496.1nm Purity:6.64
 Flux RGB Ratio:R=12.94,G=83.14,B=4.04 Peak Wave:451.6nm Half Width:11.9nm

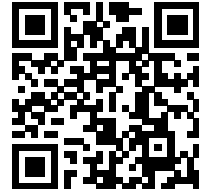
Rendering Index:Ra= 82.8
 R1 =80 R2 =88 R3 =93 R4 =81 R5 =80 R6 =83 R7 =89 R8 =69
 R9 =4 R10=72 R11=80 R12=57 R13=82 R14=97 R15=74

Photo Parameters
 Flux:4249.30lm EM:1109.8lm/W Radiant:12436.8mW Iv:0.0mcd
 Efficiency:0.125 EM Level:A (EU 874-2012)

Ele. Parameters
 Voltage:U=230.500V Current:I=0.1790A
 Power:P=39.05W Power Factor:PF=0.946

Instrument state
 Instrument:Hopoo HP8000 Integral Time: 39.04ms VPeak: 14954
 VWeak: 1218 Scan Range: 380~780nm Product ID: 201306373

Model placed on the Union market from 16/03/2023



EPREL registration number: 1526950

<https://eprel.ec.europa.eu/qr/1526950>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

Name: ENOVATEK GmbH

Website: www.enovatek.de

Email: info@enovatek.de

Phone: +49 4461 / 7464233

Address:

Sillensteder Straße 213

26441 Jever

Germany