

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: ELED6230

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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	30	Energy efficiency class	D
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°)	3 800 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	30,0	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	595	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	595	
	Depth	18	
			See image in last page

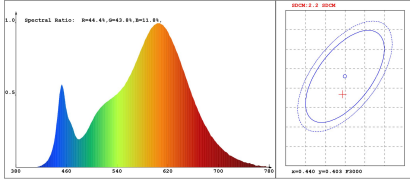
parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,439 0,398
Parameters for directional light sources:			
Peak luminous intensity (cd)	2 402	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:			
R9 colour rendering index value	13	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 1
Temperature :65°C
Operator :admin
Remark:
Manufacturer :BOHUA
Humidity :65%
Test Date :2022-08-23 19:55:26



Chroma Parameters
Chro.Coor.:x=0.4394 y=0.3984 u=0.2546 v=0.3463 duv=0.0026
CCT: 2913K Dominant Wave: 554.2nm Purity:01.56
Flux RGB Ratio:B=23.9%,G=74.4%,R=1.7% Peak Wave:603.7nm Half Width:120.8nm

Rendering Index:Ra= 83.9
R1 =83 R2 =93 R3 =95 R4 =83 R5 =85 R6 =93 R7 =81 R8 =59
R9 =13 R10=86 R11=83 R12=77 R13=86 R14=98 R15=76

Photo Parameters
Flux:3820.16lm EB:127.01m/W Radiant:14151.7mW Iv:0.0mcd
SEfficiency:0.116 EM Level:A+ (EU 874-2012)

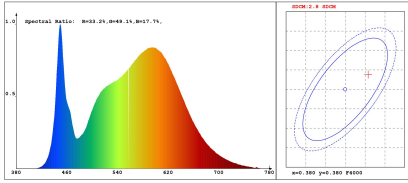
Ele. Parameters
Voltage:U=230.500V Current:I=0.1850A
Power:P=30.18W Power Factor:PF=0.958

Lamp Parameters
Voltage:U=230.500V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 SEfficiency:0.01m/W

Instrument state
Instrument:Hopoo HP8000 Integral Time: 23.33ms VPeak: 13322
VMax: 1160 Product ID: 201306373

LED Test Report

Product Mark
Product Type 1
Temperature :DALI°C
Operator :admin
Remark:
Manufacturer :BOHUA
Humidity :65%
Test Date :2023-01-07 17:01:57



Chroma Parameters
Chro.Coor.:x=0.3858 y=0.3838 u=0.2258 v=0.3370 duv=0.0017
CCT: 3918K Dominant Wave: 570.5nm Purity:31.04
Flux RGB Ratio:B=18.4%,G=79.4%,R=2.2% Peak Wave:449.6nm Half Width:16.2nm

Rendering Index:Ra= 82.5
R1 =80 R2 =88 R3 =95 R4 =83 R5 =82 R6 =85 R7 =85 R8 =62
R9 =4 R10=73 R11=82 R12=61 R13=82 R14=97 R15=73

Photo Parameters
Flux:3829.01lm EB:132.41m/W Radiant:10749.1mW Iv:0.0mcd
SEfficiency:0.103 EM Level:A++ (EU 874-2012)

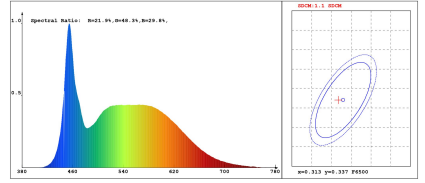
Ele. Parameters
Voltage:U=230.700V Current:I=0.1290A
Power:P=29.50W Power Factor:PF=0.978

Lamp Parameters
Voltage:U=230.700V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 SEfficiency:0.01m/W

Instrument state
Instrument:Hopoo HP8000 Integral Time: 40.42ms VPeak: 13914
VMax: 1168 Product ID: 201306373

LED Test Report

Product Mark
Product Type 1
Temperature :65°C
Operator :admin
Remark:
Manufacturer :BOHUA
Humidity :65%
Test Date :2022-08-23 19:57:38



Chroma Parameters
Chro.Coor.:x=0.3118 y=0.3370 u=0.1843 v=0.3149 duv=0.0076
CCT: 6495K Dominant Wave: 483.9nm Purity:7.04
Flux RGB Ratio:B=13.3%,G=82.3%,R=4.4% Peak Wave:454.6nm Half Width:22.0nm

Rendering Index:Ra= 84.4
R1 =80 R2 =91 R3 =95 R4 =81 R5 =83 R6 =88 R7 =87 R8 =69
R9 =10 R10=79 R11=81 R12=57 R13=85 R14=98 R15=76

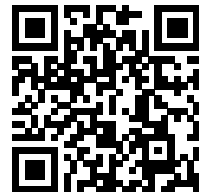
Photo Parameters
Flux:3870.42lm EB:128.51m/W Radiant:15654.5mW Iv:0.0mcd
SEfficiency:0.106 EM Level:A++ (EU 874-2012)

Ele. Parameters
Voltage:U=230.600V Current:I=0.1810A
Power:P=30.12W Power Factor:PF=0.956

Lamp Parameters
Voltage:U=230.600V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 SEfficiency:0.01m/W

Instrument state
Instrument:Hopoo HP8000 Integral Time: 12.772ms VPeak: 14810
VMax: 1138 Product ID: 201306373

Model placed on the Union market from 03/05/2023



EPREL registration number: 1574443

<https://eprel.ec.europa.eu/qr/1574443>

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