

Product Information Sheet

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

Supplier's name or trade mark: LUXULA

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

Model identifier: LX100360

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	GU10		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

Product parameters

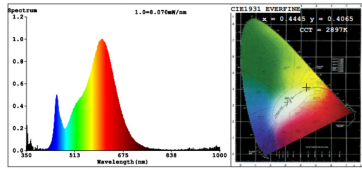
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	387 in Sphere (360°)	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	2700...6500
On-mode power (P_{on}), expressed in W	5,0	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	57	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	50	
	Depth	50	
			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)	0,315 0,340
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)	0,50	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;

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: x=0.4445 y=0.4065 u*=0.2544 v*=0.5235
 CCT=2897K (Duv=0.0000) Dominant Wavelength=624.2nm Wavelength --nm Purity=55.48
 Ratio:R=23.64 G=73.84 B=2.66 Peak Wavelength=624.2nm FWHM=115.2nm
 Render Index:Ra=82.0 AvgR=76.5

R1 =81 R2 =92 R3 =94 R4 =80 R5 =81 R6 =91 R7 =81
 R8 =56 R9 =3 R10=82 R11=80 R12=74 R13=84 R14=98 R15=72

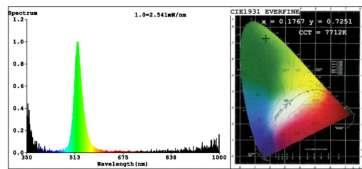
Photo Parameters:
 Flux = 375.6 lm Eff. : 69.37 lm/W Fe = 1.143 W

Electrical parameters:
 V = 230.07 V I = 0.04276 A P = 5.414 W PF = 0.5504
 Kdissp(IEC) = 0.9850

LEVEL:OUT WHITE:ANSI_3000K
 Status: Integral T = 1000 ms Ip = 4090 (64)
 GBT5702

Model: Number:GU10 5W WW 蓝牙+wifi RGB+W
 Tester:DAMIN Date:2022-05-09 08:46:47
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:---

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: x=0.1767 y=0.7251 u*=0.0623 v*=0.5751
 CCT=7712K (Duv=-0.1556) Dominant Wavelength=528.3nm Wavelength --nm Purity=81.64
 Ratio:R=0.58 G=98.18 B=1.44 Peak Wavelength=528.3nm FWHM=29.5nm
 Render Index:Ra=0.5 AvgR=1.1

R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =4
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=43 R15=0

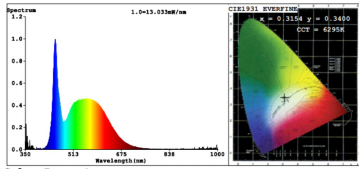
Photo Parameters:
 Flux = 44.99 lm Eff. : 29.47 lm/W Fe = 101.9 mW

Electrical parameters:
 V = 230.08 V I = 0.01338 A P = 1.526 W PF = 0.4959
 Kdissp(IEC) = 0.9962

LEVEL:OUT WHITE:OUT
 Status: Integral T = 1000 ms Ip = 1196 (24)
 GBT5702

Model: Number:GU10 5W green 蓝牙+wifi RGB+W
 Tester:DAMIN Date:2022-05-09 08:47:23
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:---

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: x=0.3154 y=0.3400 u*=0.1956 v*=0.4745
 CCT=6295K (Duv=0.0074) Dominant Wavelength=450.9nm Wavelength --nm Purity=5.78
 Ratio:R=13.38 G=81.04 B=5.78 Peak Wavelength=450.9nm FWHM=19.9nm
 Render Index:Ra=82.9 AvgR=75.2

R1 =80 R2 =88 R3 =93 R4 =81 R5 =81 R6 =84 R7 =88
 R8 =68 R9 =2 R10=72 R11=81 R12=57 R13=82 R14=97 R15=74

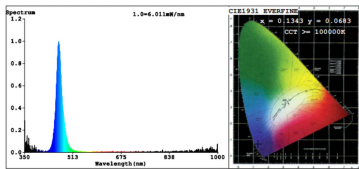
Photo Parameters:
 Flux = 386.9 lm Eff. : 72.99 lm/W Fe = 1.236 W

Electrical parameters:
 V = 230.05 V I = 0.04199 A P = 5.301 W PF = 0.5488
 Kdissp(IEC) = 0.9852

LEVEL:OUT WHITE:ANSI_6500K
 Status: Integral T = 1000 ms Ip = 4138 (64)
 GBT5702

Model: Number:GU10 5W CW 蓝牙+wifi RGB+W
 Tester:DAMIN Date:2022-05-09 08:46:58
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:---

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: x=0.1343 y=0.0683 u*=0.1513 v*=0.1730
 CCT=10000K (Duv=-0.1534) Dominant Wavelength=465.5nm Wavelength --nm Purity=95.64
 Ratio:R=1.24 G=19.04 B=79.84 Peak Wavelength=465.5nm FWHM=20.5nm
 Render Index:Ra=1.9 AvgR=1.7

R1 =0 R2 =0 R3 =0 R4 =0 R5 =15 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=10

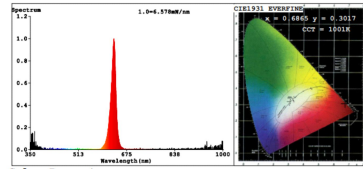
Photo Parameters:
 Flux = 11.43 lm Eff. : 7.53 lm/W Fe = 164.0 mW

Electrical parameters:
 V = 230.07 V I = 0.01331 A P = 1.518 W PF = 0.4957
 Kdissp(IEC) = 0.9964

LEVEL:OUT WHITE:OUT
 Status: Integral T = 1000 ms Ip = 2128 (34)
 GBT5702

Model: Number:GU10 5W blue 蓝牙+wifi RGB+W
 Tester:DAMIN Date:2022-05-09 08:47:32
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:---

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: x=0.6865 y=0.3017 u*=0.5233 v*=0.5175
 CCT=1001K (Duv=-0.0760) Dominant Wavelength=624.2nm Wavelength --nm Purity=96.58
 Ratio:R=95.54 G=4.34 B=0.24 Peak Wavelength=624.2nm FWHM=17.4nm
 Render Index:Ra=32.9 AvgR=35.5

R1 =22 R2 =87 R3 =32 R4 =0 R5 =24 R6 =88 R7 =9
 R8 =0 R9 =0 R10=89 R11=21 R12=51 R13=46 R14=62 R15=0

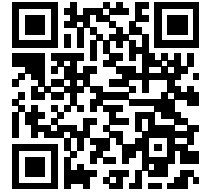
Photo Parameters:
 Flux = 27.21 lm Eff. : 14.40 lm/W Fe = 151.0 mW

Electrical parameters:
 V = 230.09 V I = 0.01640 A P = 1.889 W PF = 0.5007
 Kdissp(IEC) = 0.9953

LEVEL:OUT WHITE:OUT
 Status: Integral T = 1000 ms Ip = 3155 (58)
 GBT5702

Model: Number:GU10 5W red 蓝牙+wifi RGB+W
 Tester:DAMIN Date:2022-05-09 08:47:12
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:---

Model placed on the Union market from 07/11/2022



EPREL registration number: 1396781

<https://eprel.ec.europa.eu/qr/1396781>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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