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: LX100331

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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

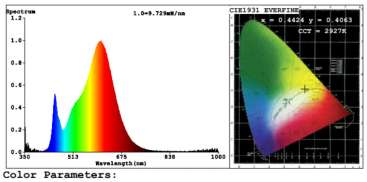
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	454 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	80	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	45		
Outer dimensions without separate control gear, lighting control — Depth	45		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,442 0,406
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)		0,50	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=0.4424 y=0.4063/u'=0.2532 v'=0.5231
CCT=2927K(Duv=0.0002) Dominant WL:Ld =583.1nm WL:Lc = --nm Purity=54.7%
Ratio:R=23.4% G=74.0% B=2.6% Peak WL:Lp=602.7nm FWHM=117.3nm
Render Index:Ra=82.4 AvgR=76.9

R1 =81	R2 =92	R3 =95	R4 =80	R5 =82	R6 =91	R7 =81	
R8 =57	R9 =4	R10=83	R11=80	R12=73	R13=84	R14=98	R15=73

Photo Parameters:

Flux = 454.3 lm Eff. : 87.10 lm/W Fe = 1.381 W

Electrical parameters:

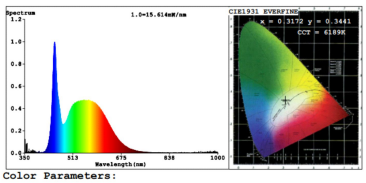
V = 230.09 V I = 0.04123 A P = 5.216 W PF = 0.5498
Kdisp(IEC) = 0.9854
LEVEL:OUT WHITE:ANSI_3000K
Status: Integral T = 1000 ms Ip = 4898 (7%)

GBT5702

Model:
Tester:DAMIN
Temperature:25.3Deg
Manufacturer:

Number:G45 5W WW 蓝牙+wifi RGB+WW
Date:2022-05-09 08:42:33
Humidity:65.0%
Remarks:---

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3172 y=0.3441/u'=0.1954 v'=0.4768
CCT=6189K(Duv=0.0086) Dominant WL:Ld =500.5nm WL:Lc = --nm Purity=5.0%
Ratio:R=13.3% G=81.1% B=5.6% Peak WL:Lp=450.9nm FWHM=20.1nm
Render Index:Ra=82.6 AvgR=74.8

R1 =79	R2 =88	R3 =93	R4 =81	R5 =81	R6 =83	R7 =88	
R8 =67	R9 =0	R10=71	R11=80	R12=57	R13=82	R14=97	R15=73

Photo Parameters:

Flux = 481.9 lm Eff. : 91.49 lm/W Fe = 1.526 W

Electrical parameters:

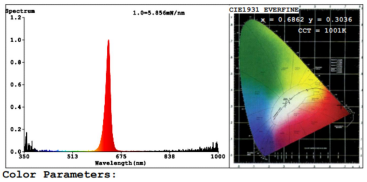
V = 230.08 V I = 0.04159 A P = 5.267 W PF = 0.5505
Kdisp(IEC) = 0.9851
LEVEL:OUT WHITE:ANSI_6500K
Status: Integral T = 1000 ms Ip = 5041 (8%)

GBT5702

Model:
Tester:DAMIN
Temperature:25.3Deg
Manufacturer:

Number:G45 5W CW 蓝牙+wifi RGB+WW
Date:2022-05-09 08:42:44
Humidity:65.0%
Remarks:---

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.6862 y=0.3036/u'=0.5208 v'=0.5184
CCT=1001K(Duv=-0.0735) Dominant WL:Ld =623.0nm WL:Lc = --nm Purity=97.0%
Ratio:R=94.4% G=5.4% B=0.2% Peak WL:Lp=632.3nm FWHM=17.0nm
Render Index:Ra=34.9 AvgR=37.0

R1 =24	R2 =86	R3 =38	R4 =0	R5 =25	R6 =91	R7 =14	
R8 =0	R9 =0	R10=86	R11=19	R12=59	R13=46	R14=65	R15=0

Photo Parameters:

Flux = 24.14 lm Eff. : 13.24 lm/W Fe = 132.9 mW

Electrical parameters:

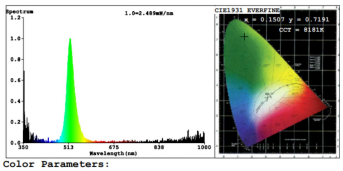
V = 230.10 V I = 0.01579 A P = 1.823 W PF = 0.5018
Kdisp(IEC) = 0.9952
LEVEL:OUT WHITE:OUT
Status: Integral T = 1000 ms Ip = 2808 (4%)

GBT5702

Model:
Tester:DAMIN
Temperature:25.3Deg
Manufacturer:

Number:G45 5W red 蓝牙+wifi RGB+WW
Date:2022-05-09 08:43:00
Humidity:65.0%
Remarks:---

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.1507 y=0.7191/u'=0.0532 v'=0.5713
CCT=8181K(Duv=0.1622) Dominant WL:Ld =522.9nm WL:Lc = --nm Purity=77.4%
Ratio:R=0.4% G=97.2% B=2.4% Peak WL:Lp=517.2nm FWHM=28.6nm
Render Index:Ra=0.0 AvgR=2.7

R1 =0	R2 =0	R3 =0	R4 =0	R5 =0	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=40	R15=0

Photo Parameters:

Flux = 40.15 lm Eff. : 27.85 lm/W Fe = 97.43 mW

Electrical parameters:

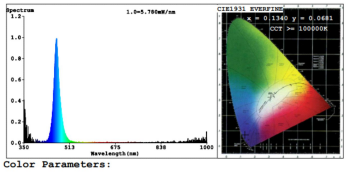
V = 230.10 V I = 0.01265 A P = 1.441 W PF = 0.4950
Kdisp(IEC) = 0.9964
LEVEL:OUT WHITE:OUT
Status: Integral T = 1000 ms Ip = 1148 (2%)

GBT5702

Model:
Tester:DAMIN
Temperature:25.3Deg
Manufacturer:

Number:G45 5W green 蓝牙+wifi RGB+WW
Date:2022-05-09 08:43:10
Humidity:65.0%
Remarks:---

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.1340 y=0.0681/u'=0.1509 v'=0.1728
CCT=100000K(Duv=-0.1537) Dominant WL:Ld =469.6nm WL:Lc = --nm Purity=95.7%
Ratio:R=1.3% G=18.4% B=80.3% Peak WL:Lp=465.5nm FWHM=20.9nm
Render Index:Ra=1.6 AvgR=1.5

R1 =0	R2 =0	R3 =0	R4 =0	R5 =13	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=9

Photo Parameters:

Flux = 11.23 lm Eff. : 7.61 lm/W Fe = 163.6 mW

Electrical parameters:

V = 230.10 V I = 0.01293 A P = 1.475 W PF = 0.4959
Kdisp(IEC) = 0.9962
LEVEL:OUT WHITE:OUT
Status: Integral T = 1000 ms Ip = 2062 (3%)

GBT5702

Model:
Tester:DAMIN
Temperature:25.3Deg
Manufacturer:

Number:G45 5W blue 蓝牙+wifi RGB+WW
Date:2022-05-09 08:43:27
Humidity:65.0%
Remarks:---

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

EPREL registration number: 1396753

https://eprel.ec.europa.eu/qr/1396753

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

Name: ENOVATEK GmbH

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