

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: LX100330

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

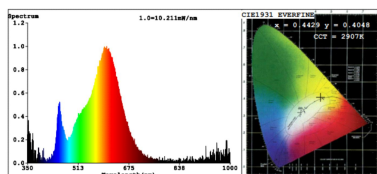
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	464 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	101	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	37	
	Depth	37	
			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)	0,443 0,405
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: $x=0.4429$ $y=0.4048$ $u^*=0.2541$ $v^*=0.5226$
 CCT=2907K (Duv=-0.0005) Dominant Wl:Ld =583.4nm Wl:Lc = --nm Purity=54.4%
 Ratio:R=23.5% G=73.9% B=2.6% Peak Wl:Lp=604.0nm FWHM=111.7nm
 Render Index:Ra=81.9 AvgR=76.4

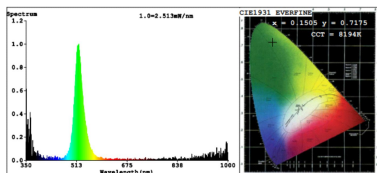
R1 =81 R2 =92 R3 =94 R4 =80 R5 =81 R6 =91 R7 =81
 R8 =56 R9 =2 R10=83 R11=80 R12=74 R13=84 R14=97 R15=72

Photo Parameters:
 Flux = 464.4 lm Eff. : 89.00 lm/W Fe = 1.445 W

Electrical parameters:
 V = 230.13 V I = 0.04130 A P = 5.218 W PF = 0.5489
 Kdisp(IEC) = 0.9854
 LEVEL:OUT WHITE:ANSI_3000K
 Status: Integral T = 100 ms Ip = 516 (14)
 GBT5702

Model: Number:C37 5W WW 蓝牙+wifi RGB+WW
 Tester:DAMIN Date:2022-05-09 08:33:52
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:---

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: $x=0.1505$ $y=0.7175$ $u^*=0.0532$ $v^*=0.5710$
 CCT=8194K (Duv=0.1621) Dominant Wl:Ld =522.8nm Wl:Lc = --nm Purity=77.0%
 Ratio:R=0.4% G=97.2% B=2.4% Peak Wl:Lp=519.6nm FWHM=29.0nm
 Render Index:Ra=0.3 AvgR=2.9

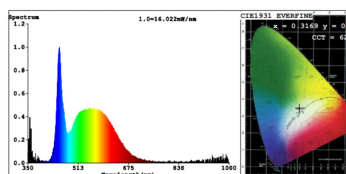
R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =2
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=41 R15=0

Photo Parameters:
 Flux = 40.66 lm Eff. : 29.40 lm/W Fe = 98.93 mW

Electrical parameters:
 V = 230.11 V I = 0.01217 A P = 1.383 W PF = 0.4938
 Kdisp(IEC) = 0.9964
 LEVEL:OUT WHITE:OUT
 Status: Integral T = 1000 ms Ip = 1164 (24)
 GBT5702

Model: Number:C37 5W green 蓝牙+wifi RGB+WW
 Tester:DAMIN Date:2022-05-09 08:35:51
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:---

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: $x=0.3169$ $y=0.3429$ $u^*=0.1956$ $v^*=0.4762$
 CCT=6209K (Duv=0.0081) Dominant Wl:Ld =499.3nm Wl:Lc = --nm Purity=5
 Ratio:R=13.3% G=81.1% B=5.6% Peak Wl:Lp=452.2nm FWHM=20.3nm
 Render Index:Ra=82.6 AvgR=74.8

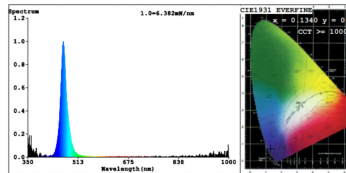
R1 =79 R2 =88 R3 =93 R4 =81 R5 =81 R6 =83 R7 =88
 R8 =67 R9 =0 R10=71 R11=80 R12=57 R13=82 R14=97 R15=81

Photo Parameters:
 Flux = 482.1 lm Eff. : 93.76 lm/W Fe = 1.550 W

Electrical parameters:
 V = 230.12 V I = 0.04079 A P = 5.142 W PF = 0.5478
 Kdisp(IEC) = 0.9856
 LEVEL:OUT WHITE:ANSI_6500K
 Status: Integral T = 100 ms Ip = 518 (14)
 GBT5702

Model: Number:C37 5W CW 蓝牙+wifi R
 Tester:DAMIN Date:2022-05-09 08:34:04
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:---

Spectrum Test Report



Color Parameters:
 Chromaticity Coordinate: $x=0.1340$ $y=0.0652$ $u^*=0.1525$ $v^*=0.1669$
 CCT=10000K (Duv=-0.1572) Dominant Wl:Ld =469.3nm Wl:Lc = --nm Purity=96.2%
 Ratio:R=1.1% G=17.3% B=81.6% Peak Wl:Lp=464.1nm FWHM=19.9nm
 Render Index:Ra=1.1 AvgR=1.0

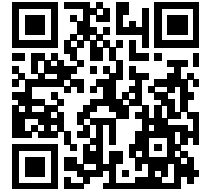
R1 =0 R2 =0 R3 =0 R4 =0 R5 =9 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=6

Photo Parameters:
 Flux = 11.76 lm Eff. : 7.59 lm/W Fe = 174.6 mW

Electrical parameters:
 V = 230.09 V I = 0.01358 A P = 1.550 W PF = 0.4960
 Kdisp(IEC) = 0.9961
 LEVEL:OUT WHITE:OUT
 Status: Integral T = 1000 ms Ip = 2238 (24)
 GBT5702

Model: Number:C37 5W blue 蓝牙+wifi RGB+WW
 Tester:DAMIN Date:2022-05-09 08:41:01
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:---

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



EPREL registration number: 1396341

<https://eprel.ec.europa.eu/qr/1396341>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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