

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: LX300101

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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

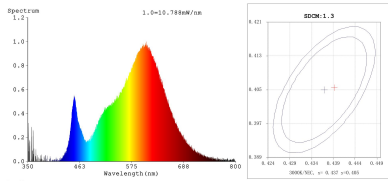
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	486 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	2 700
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	90	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	90	
	Depth	52	
			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)	0,437 0,405
Parameters for LED and OLED light sources:			
R9 colour rendering index value	9	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;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinates: x=0.4393 y=0.4055/u*=0.2515 v*=0.5223
 CCT=2971K(Duv=0.0002) Dominant Wl:Id =592.5nm Wl:Id = --nm Purity=53.6%
 Ratio:R=23.1% G=74.5% B=2.5% Peak Wl:Ip=606.7nm FWHM=115.6nm
 Render Index:Ra=82.0 AvgR=76.1 Lav=588.6nm

R1 =80 R2 =91 R3 =96 R4 =80 R5 =81 R6 =89 R7 =82
 R8 =57 R9 =2 R10=79 R11=80 R12=70 R13=83 R14=98 R15=72

Photo Parameters:

Flux = 496.7 lm Eff. : 98.45 lm/W Fe = 1.493 W

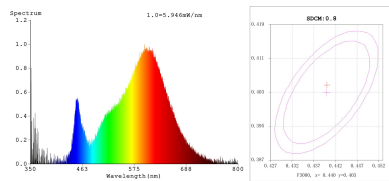
Electrical parameters:

V = 229.93 V I = 0.03808 A P = 5.045 W PF = 0.5762
 Kdiss(IEC) = 0.9635
 LEVEL:OUT WHITE:ANSI_3000K
 Status: Integral T = 100 ms Ip = 514 (14)

GBT5702

Model: Number:5W
 Tester:DAMIN Date:2023-04-24 16:49:55
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinates: x=0.4401 y=0.4047/u*=0.2524 v*=0.5221
 CCT=2952K(Duv=0.0002) Dominant Wl:Id =593.1nm Wl:Id = --nm Purity=53.6%
 Ratio:R=23.2% G=74.3% B=2.5% Peak Wl:Ip=597.8nm FWHM=114.0nm
 Render Index:Ra=82.1 AvgR=76.3 Lav=588.3nm

R1 =81 R2 =91 R3 =95 R4 =80 R5 =81 R6 =90 R7 =82
 R8 =57 R9 =3 R10=81 R11=80 R12=71 R13=83 R14=98 R15=73

Photo Parameters:

Flux = 269.6 lm Eff. : 96.98 lm/W Fe = 816.4 mW

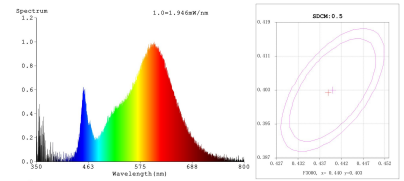
Electrical parameters:

V = 229.97 V I = 0.02255 A P = 2.780 W PF = 0.5362
 Kdiss(IEC) = 0.9805
 LEVEL:OUT WHITE:ANSI_3000K
 Status: Integral T = 100 ms Ip = 279 (09)

GBT5702

Model: Number:3W
 Tester:DAMIN Date:2023-04-24 16:50:05
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinates: x=0.4390 y=0.4026/u*=0.2556 v*=0.5210
 CCT=2953K(Duv=0.0009) Dominant Wl:Id =593.4nm Wl:Id = --nm Purity=52.5%
 Ratio:R=23.4% G=74.0% B=2.7% Peak Wl:Ip=605.0nm FWHM=111.4nm
 Render Index:Ra=82.4 AvgR=76.9 Lav=588.2nm

R1 =82 R2 =93 R3 =94 R4 =80 R5 =82 R6 =91 R7 =81
 R8 =57 R9 =5 R10=83 R11=80 R12=72 R13=84 R14=98 R15=73

Photo Parameters:

Flux = 88.96 lm Eff. : 83.21 lm/W Fe = 274.8 mW

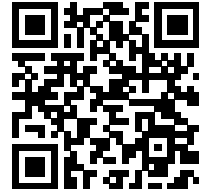
Electrical parameters:

V = 229.96 V I = 0.009337 A P = 1.069 W PF = 0.4979
 Kdiss(IEC) = 0.9923
 LEVEL:OUT WHITE:ANSI_3000K
 Status: Integral T = 1000 ms Ip = 926 (19)

GBT5702

Model: Number:1W
 Tester:DAMIN Date:2023-04-24 16:50:31
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:

Model placed on the Union market from 24/04/2023



EPREL registration number: 1565529

<https://eprel.ec.europa.eu/qr/1565529>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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