

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

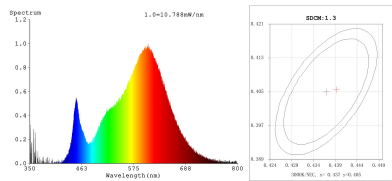
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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: $\lambda_d=592.9nm$ Wl: $\lambda_c = -nm$ Purity=53.6%
Ratio: R=23.1% G=74.5% B=2.5% Peak Wl: $\lambda_p=606.7nm$ 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

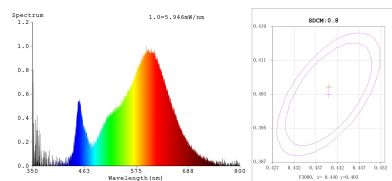
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 100 ms Ip = 514 (1s)

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: $\lambda_d=593.1nm$ Wl: $\lambda_c = -nm$ Purity=53.6%
Ratio: R=25.2% G=74.3% B=2.5% Peak Wl: $\lambda_p=597.8nm$ 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

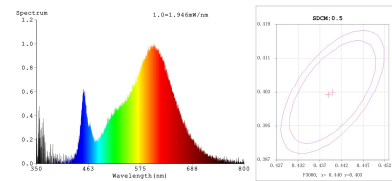
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 100 ms Ip = 279 (0s)

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: $x=0.4390$ $y=0.4024$ $u^*=0.2516$ $v^*=0.5210$
CCT=2953K (Duv=-0.0009) Dominant Wl: $\lambda_d=593.4nm$ Wl: $\lambda_c = -nm$ Purity=52.5%
Ratio: R=23.4% G=74.0% B=2.7% Peak Wl: $\lambda_p=605.0nm$ 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

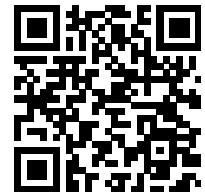
LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 1000 ms Ip = 926 (1s)

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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