

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: LX300112

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:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

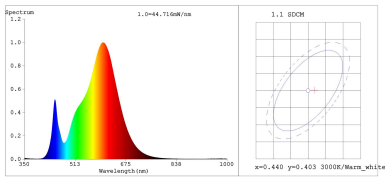
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 880 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	3 000 or 4 000 or 6 500
On-mode power (P_{on}), expressed in W	18,0	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	220	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	220	
	Depth	32	
			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)	0,440 0,403
Parameters for LED and OLED light sources:			
R9 colour rendering index value	24	Survival factor	-
the lumen maintenance factor	-		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,70	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=0.4418 y=0.4032 u*=0.2541 v*=0.5218
 CCT=2913K (Duv=-0.0010) Dominant Wl: 450nm Purity=53.6%
 Ratio: R=23.237% G=74.521% B=2.242% Peak Wl: 450nm FWHM=118.5nm
 Render Index: Ra=80.6 AvgR=74.8 TM30:Rf=79 Rg=97
 R1 =79 R2 =89 R3 =96 R4 =79 R5 =79 R6 =87 R7 =81
 R8 =55 R9 =0 R10=76 R11=79 R12=72 R13=81 R14=98 R15=71

Photo Parameters:

Flux = 2122 lm Eff. : 126.69 lm/W P_e = 6.407 W

Electrical parameters:

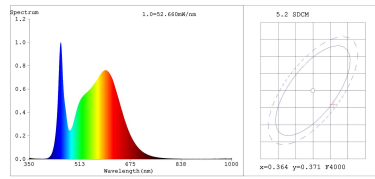
V = 230.00 V I = 0.08452 A P = 16.75 W PF = 0.8608
 LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 15 ms Ip = 51721 (798)

Number: 3000K LED
 Module stable
 Date: 2023-03-09 09:11:12
 Humidity: 65.0%
 Remarks:

Tester:
 Temperature: Deg
 Manufacturer:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3700 y=0.3668 u*=0.2222 v*=0.4956
 CCT=4229K (Duv=-0.0015) Dominant Wl: 457.2nm Purity=21.1%
 Ratio: R=18.027% G=77.993% B=3.980% Peak Wl: 451.2nm FWHM=20.9nm
 Render Index: Ra=85.0 AvgR=78.9 TM30:Rf=83 Rg=96
 R1 =84 R2 =91 R3 =95 R4 =84 R5 =84 R6 =87 R7 =87
 R8 =68 R9 =16 R10=78 R11=84 R12=64 R13=86 R14=98 R15=79

Photo Parameters:

Flux = 2342 lm Eff. : 145.47 lm/W P_e = 7.275 W

Electrical parameters:

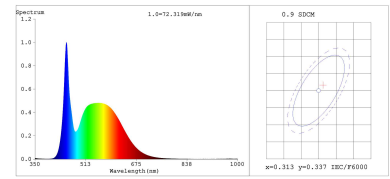
V = 229.98 V I = 0.08173 A P = 16.10 W PF = 0.8571
 LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 15 ms Ip = 47354 (728)

Number: 4000K LED
 Module stable
 Date: 2023-03-09 09:12:03
 Humidity: 65.0%
 Remarks:

Tester:
 Temperature: Deg
 Manufacturer:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3143 y=0.3386 u*=0.1953 v*=0.4736
 CCT=6358K (Duv=0.0073) Dominant Wl: 495.3nm Purity=6.1%
 Ratio: R=13.103% G=81.467% B=5.430% Peak Wl: 450.2nm FWHM=21.3nm
 Render Index: Ra=82.0 AvgR=74.1 TM30:Rf=82 Rg=93
 R1 =79 R2 =86 R3 =91 R4 =82 R5 =80 R6 =82 R7 =88
 R8 =68 R9 =0 R10=68 R11=81 R12=58 R13=81 R14=95 R15=73

Photo Parameters:

Flux = 2267 lm Eff. : 135.45 lm/W P_e = 7.224 W

Electrical parameters:

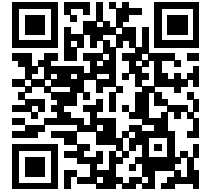
V = 230.05 V I = 0.08454 A P = 16.74 W PF = 0.8608
 LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 12 ms Ip = 51949 (798)

Number: 6000K LED
 Module stable
 Date: 2023-03-09 09:12:46
 Humidity: 65.0%
 Remarks:

Tester:
 Temperature: Deg
 Manufacturer:

Model placed on the Union market from 24/03/2023



EPREL registration number: 1535545

<https://eprel.ec.europa.eu/qr/1535545>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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