

# 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:** LX300113

## 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

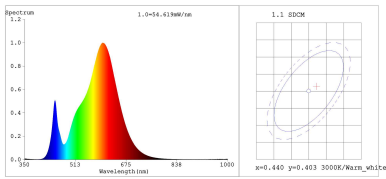
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 565 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	24,0	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	240	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	240	
	Depth	32	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,440 0,403
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	24	Survival factor	-
the lumen maintenance factor	-		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,70	Colour consistency in McAdam ellipses	9
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=0.4422 y=0.4044 u'=0.2539 v'=0.5223  
 CCT=2915K (Duv=-0.0006) Dominant Wl: 511nm Purity=54.1%  
 Ratio: R=23.030% G=74.793% B=2.176% Peak Wl: 511nm FWHM=117.3nm  
 Render Index: Ra=79.7 AvgR=73.8 TM30:Rf=79 Rg=96  
 R1=77 R2=88 R3=96 R4=78 R5=78 R6=86 R7=81  
 R8=53 R9=0 R10=74 R11=77 R12=70 R13=60 R14=98 R15=69

Photo Parameters:

Flux = 2589 lm Eff. : 113.43 lm/W Pe = 7.757 W

Electrical parameters:

V = 229.88 V I = 0.1111 A P = 22.83 W PF = 0.8940

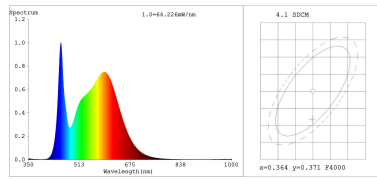
LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 12 ms Ip = 50442 (774)

Number: stable 3000K LED  
 Module  
 Date: 2023-03-07 16:57:23  
 Humidity: 65.0%  
 Remarks:

Tester:  
 Temperature: Deg  
 Manufacturer:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinates: x=0.3640 y=0.3625 u'=0.2198 v'=0.4927  
 CCT=4390K (Duv=0.0016) Dominant Wl: 511nm Purity=18.0%  
 Ratio: R=17.466% G=78.211% B=4.323% Peak Wl: 511nm FWHM=23.2nm  
 Render Index: Ra=84.2 AvgR=78.0 TM30:Rf=82 Rg=95  
 R1=83 R2=92 R3=95 R4=82 R5=83 R6=87 R7=86  
 R8=66 R9=11 R10=79 R11=82 R12=62 R13=86 R14=98 R15=78

Photo Parameters:

Flux = 2810 lm Eff. : 130.27 lm/W Pe = 8.722 W

Electrical parameters:

V = 229.86 V I = 0.1054 A P = 21.57 W PF = 0.8901

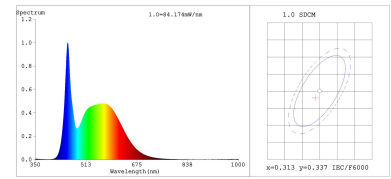
LEVEL:OUT WHITE:ANSI\_4500K

Status: Integral T = 12 ms Ip = 46969 (728)

Number: stable 4000K LED  
 Module  
 Date: 2023-03-07 16:57:57  
 Humidity: 65.0%  
 Remarks:

Tester:  
 Temperature: Deg  
 Manufacturer:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinates: x=0.3118 y=0.3350 u'=0.1950 v'=0.4713  
 CCT=6506K (Duv=0.0067) Dominant Wl: 511nm Purity=7.2%  
 Ratio: R=12.893% G=81.217% B=5.890% Peak Wl: 511nm FWHM=23.5nm  
 Render Index: Ra=81.8 AvgR=74.2 TM30:Rf=80 Rg=92  
 R1=79 R2=88 R3=93 R4=79 R5=80 R6=83 R7=87  
 R8=65 R9=0 R10=72 R11=78 R12=57 R13=82 R14=97 R15=73

Photo Parameters:

Flux = 2619 lm Eff. : 116.92 lm/W Pe = 8.351 W

Electrical parameters:

V = 229.90 V I = 0.1092 A P = 22.40 W PF = 0.8923

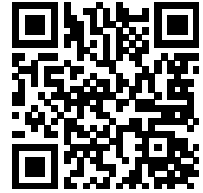
LEVEL:OUT WHITE:ANSI\_6500K

Status: Integral T = 9 ms Ip = 46236 (718)

Number: stable 6000K LED  
 Module  
 Date: 2023-03-07 16:58:26  
 Humidity: 65.0%  
 Remarks:

Tester:  
 Temperature: Deg  
 Manufacturer:

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



**EPREL registration number:** 1535552

<https://eprel.ec.europa.eu/qr/1535552>

**Supplier:** ENOVATEK GmbH (Importer)

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**Customer care service:**

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