

# 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:** LX300118

## 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

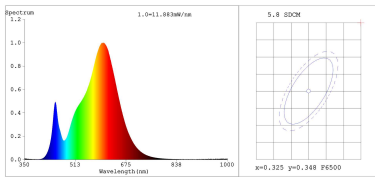
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	525 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	6,0	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	12	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	120	
	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	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=0.4385 y=0.4047/u\*=0.2513 v\*=0.5219  
 CCT=2979K (Duv=0.0000) Dominant Wavelength=582.9nm Purity=53.1%  
 Ratio: R=22.717% G=74.882% B=2.401% Peak Wavelength=603.0nm FWHM=121.6nm  
 Render Index: Ra=80.7 AvgR=74.8 TM30:Rf=80 Rg=96  
 R1=79 R2=89 R3=96 R4=79 R5=79 R6=87 R7=81  
 R8=55 R9=0 R10=76 R11=78 R12=72 R13=81 R14=98 R15=70

Photo Parameters:

Flux = 574.4 lm Eff. : 89.90 lm/W Pe = 1.727 W

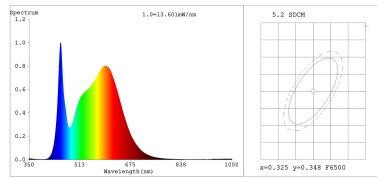
Electrical parameters:

V = 230.26 V I = 0.03872 A P = 6.390 W PF = 0.7167  
 LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 46 ms Ip = 45573 (70%)

Number: Stable 3000K LED  
 Module  
 Date: 2023-01-10 19:44:31  
 Temperature: Deg  
 Humidity: 65.0%  
 Manufacturer:  
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3715 y=0.3671/u\*=0.2231 v\*=0.4959  
 CCT=4183K (Duv=-0.0019) Dominant Wavelength=579.6nm Purity=21.7%  
 Ratio: R=18.237% G=77.707% B=4.056% Peak Wavelength=450.6nm FWHM=22.3nm  
 Render Index: Ra=85.6 AvgR=79.9 TM30:Rf=84 Rg=97  
 R1=85 R2=92 R3=96 R4=85 R5=85 R6=88 R7=87  
 R8=68 R9=19 R10=80 R11=85 R12=67 R13=87 R14=98 R15=79

Photo Parameters:

Flux = 635.3 lm Eff. : 103.81 lm/W Pe = 1.987 W

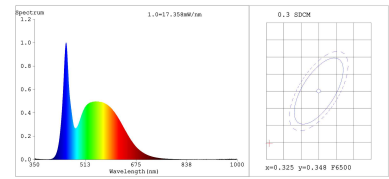
Electrical parameters:

V = 230.30 V I = 0.03745 A P = 6.120 W PF = 0.7099  
 LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 46 ms Ip = 41448 (63%)

Number: Stable 4000K LED  
 Module  
 Date: 2023-01-10 19:45:19  
 Temperature: Deg  
 Humidity: 65.0%  
 Manufacturer:  
 Remarks:

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3109 y=0.3327/u\*=0.1952 v\*=0.4700  
 CCT=6574K (Duv=0.0060) Dominant Wavelength=491.3nm Purity=7.6%  
 Ratio: R=13.210% G=81.096% B=5.694% Peak Wavelength=450.2nm FWHM=24.3nm  
 Render Index: Ra=83.7 AvgR=76.6 TM30:Rf=83 Rg=94  
 R1=81 R2=87 R3=91 R4=84 R5=83 R6=83 R7=89  
 R8=72 R9=11 R10=70 R11=83 R12=61 R13=83 R14=95 R15=77

Photo Parameters:

Flux = 563.0 lm Eff. : 87.81 lm/W Pe = 1.841 W

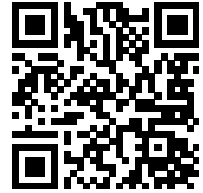
Electrical parameters:

V = 230.23 V I = 0.03882 A P = 6.411 W PF = 0.7176  
 LEVEL:OUT WHITE:ANSI\_6500K

Status: Integral T = 46 ms Ip = 51914 (79%)

Number: Stable 6000K LED  
 Module  
 Date: 2023-01-10 19:45:45  
 Temperature: Deg  
 Humidity: 65.0%  
 Manufacturer:  
 Remarks:

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



**EPREL registration number:** 1535612

<https://eprel.ec.europa.eu/qr/1535612>

**Supplier:** ENOVATEK GmbH (Importer)

**Website:** [www.enovatek.de](http://www.enovatek.de)

**Customer care service:**

**Name:** ENOVATEK GmbH

**Website:** [www.enovatek.de](http://www.enovatek.de)

**Email:** [info@enovatek.de](mailto:info@enovatek.de)

**Phone:** +49 4461 / 7464233

**Address:**

Sillensteder Straße 213

26441 Jever

Germany