

# 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:** LX300120

## 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

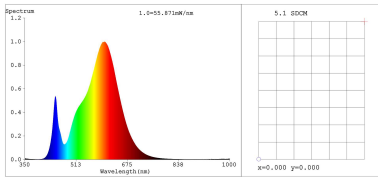
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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 <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 Coordinates: x=0.4408 y=0.4044/u\*=0.2529 v\*=0.5221  
 CCT=2938K (Duw=-0.0004) Dominant Wavelength=583.2nm Purity=53.7%  
 Ratio: R=22.907% G=74.900% B=2.192% Peak Wavelength=603.0nm FWHM=118.5nm  
 Render Index: Ra=79.9 AvgR=74.0 TM30:Rf=79 Rg=97  
 R1 =78 R2 =88 R3 =96 R4 =78 R5 =78 R6 =86 R7 =81  
 R8 =54 R9 =0 R10=74 R11=78 R12=70 R13=80 R14=98 R15=69

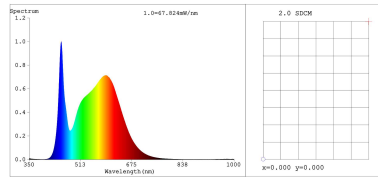
**Photo Parameters:**  
 Flux = 2670 lm Eff. : 146.26 lm/W Fe = 7.977 W

**Electrical parameters:**  
 V = 230.37 V I = 0.09269 A P = 18.25 W PF = 0.8549  
 LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 12 ms Ip = 55919 (854)

Number: Stable 3000K LED  
 Module  
 Date: 2022-12-21 16:40:47  
 Tester:  
 Temperature: Deg  
 Humidity: 65.0%  
 Manufacturer:  
 Remarks:

Spectrum Test Report



**Color Parameters:**  
 Chromaticity Coordinates: x=0.3642 y=0.3645/u\*=0.2193 v\*=0.4935  
 CCT=4393K (Duw=-0.0008) Dominant Wavelength=578.0nm Purity=18.6%  
 Ratio: R=17.449% G=78.394% B=4.157% Peak Wavelength=451.3nm FWHM=20.8nm  
 Render Index: Ra=84.0 AvgR=78.1 TM30:Rf=83 Rg=96  
 R1 =83 R2 =91 R3 =95 R4 =83 R5 =83 R6 =86 R7 =87  
 R8 =67 R9 =13 R10=77 R11=83 R12=62 R13=85 R14=98 R15=78

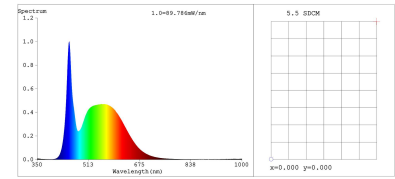
**Photo Parameters:**  
 Flux = 2868 lm Eff. : 164.75 lm/W Fe = 8.881 W

**Electrical parameters:**  
 V = 230.32 V I = 0.08899 A P = 17.41 W PF = 0.8493  
 LEVEL:OUT WHITE:ANSI\_4500K

Status: Integral T = 12 ms Ip = 53232 (814)

Model: Number: Stable 4000K LED  
 SP=7\*-18W-CCT  
 Date: 2022-12-21 16:42:07  
 Tester:  
 Temperature: Deg  
 Humidity: 65.0%  
 Manufacturer:  
 Remarks:

Spectrum Test Report



**Color Parameters:**  
 Chromaticity Coordinates: x=0.3136 y=0.3378/u\*=0.1952 v\*=0.4731  
 CCT=6398K (Duw=0.0072) Dominant Wavelength=494.6nm Purity=6.4%  
 Ratio: R=13.041% G=81.393% B=5.567% Peak Wavelength=451.3nm FWHM=21.1nm  
 Render Index: Ra=82.0 AvgR=74.2 TM30:Rf=81 Rg=93  
 R1 =79 R2 =87 R3 =92 R4 =81 R5 =80 R6 =82 R7 =88  
 R8 =67 R9 =0 R10=69 R11=80 R12=57 R13=81 R14=96 R15=73

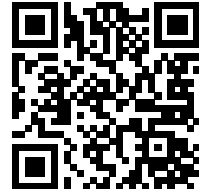
**Photo Parameters:**  
 Flux = 2742 lm Eff. : 152.77 lm/W Fe = 8.740 W

**Electrical parameters:**  
 V = 230.27 V I = 0.09144 A P = 17.95 W PF = 0.8525  
 LEVEL:OUT WHITE:ANSI\_6500K

Status: Integral T = 9 ms Ip = 52781 (818)

Model: Number: Stable 6000K LED  
 SP=7\*-18W-CCT  
 Date: 2022-12-21 16:44:12  
 Tester:  
 Temperature: Deg  
 Humidity: 65.0%  
 Manufacturer:  
 Remarks:

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



**EPREL registration number:** 1535624

<https://eprel.ec.europa.eu/qr/1535624>

**Supplier:** ENOVATEK GmbH (Importer)

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

**Customer care service:**

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