

# 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:** LX200300

## 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:	No

## Product parameters

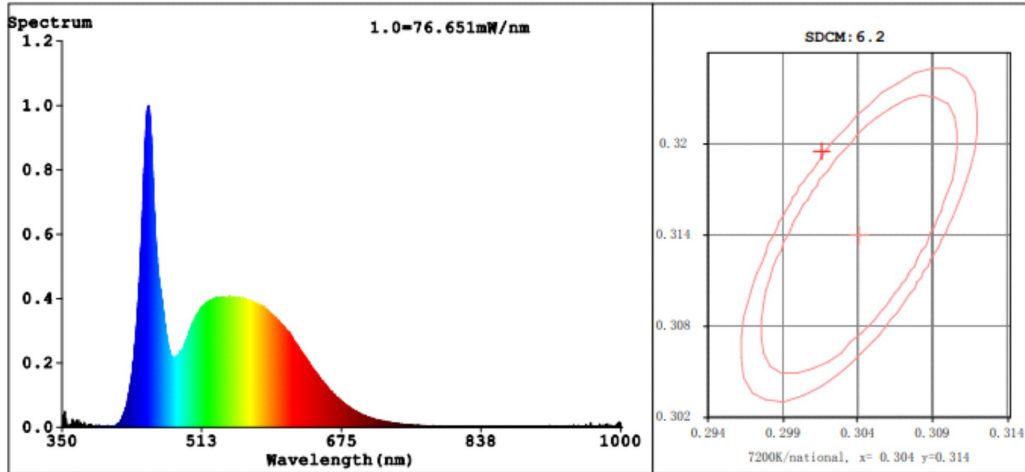
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	36	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	3 600 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	4 000
On-mode power ( $P_{on}$ ), expressed in W	36,0	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	1 285	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	110	
	Depth	64	
			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)	0,380 0,380
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	13	Survival factor	-
the lumen maintenance factor	-		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	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 Coordinate:  $x=0.3014$   $y=0.3196/u'=0.1934$   $v'=0.4615$   
 CCT=7273K(Duv=0.0043) Dominant WL:Ld =486.0nm WL:Lc = --nm Purity=11.9%  
 Ratio:R=12.8% G=81.2% B=6.0% Peak WL:Lp=450.7nm FWHM=20.5nm  
 Render Index:Ra=83.9 AvgR=76.8

R1 =82 R2 =87 R3 =90 R4 =84 R5 =83 R6 =82 R7 =89  
 R8 =73 R9 =13 R10=69 R11=84 R12=58 R13=84 R14=95 R15=78

Photo Parameters:

Flux = 2008 lm Eff. : 113.48 lm/W Fe = 6.661 W

Electrical parameters:

V = 229.80 V I = 0.1353 A P = 17.70 W PF = 0.5694

Kdisp(IEC) = 0.8532

LEVEL:OUT WHITE:OUT

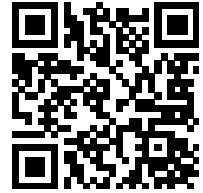
Status: Integral T = 100 ms Ip = 2455 (4%)

GBT5702

Model:  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufacturer:

Number:100LM T8 18W CW 4  
 Date:2023-11-03 14:51:16  
 Humidity:65.0%  
 Remarks:

Model placed on the Union market from 15/11/2023



**EPREL registration number:** 1845198

<https://eprel.ec.europa.eu/qr/1845198>

**Supplier:** ENOVATEK GmbH (Manufacturer)

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