

# 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:** LX-62-1940-4000-BL

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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:	Yes	Dimmable:	No

## Product parameters

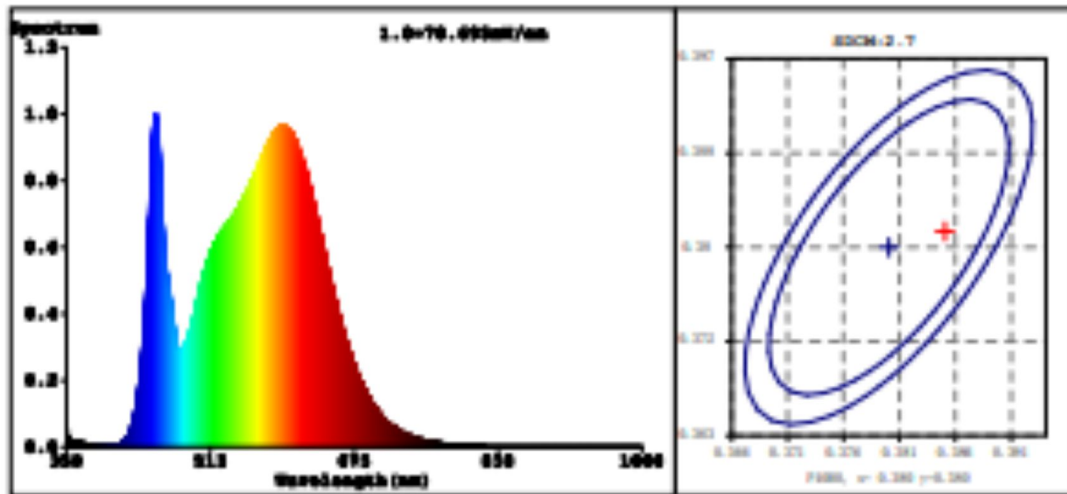
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	40	Energy efficiency class	E
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 400 in Narrow cone (90°)	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	40,0	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	620	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	620	
	Depth	28	
			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 directional light sources:</b>			
Peak luminous intensity (cd)	1 483	Beam angle in degrees, or the range of beam angles that can be set	90
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	80	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	5
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:  $x=0.3850$   $y=0.3614/u'=0.2263$   $v'=0.5043$   
 CCT=3913K (Duv=0.0009) Dominant WL:  $\lambda_d=579.0nm$  WL:  $\lambda_c = --nm$  Purity=30.0%  
 Ratio: R=18.6% G=77.8% B=3.6% Peak WL:  $\lambda_p=450.7nm$  FWHM=22.5nm  
 Render Index:  $R_a=83.2$  AvgR=76.6 TM30:  $R_f=84$   $R_g=95$

R1 =81 R2 =90 R3 =96 R4 =82 R5 =82 R6 =86 R7 =85  
 R8 =63 R9 =6 R10=76 R11=81 R12=64 R13=83 R14=98 R15=75

Photo Parameters:

Flux = 4525 lm Eff. : 111.75 lm/W  $P_e = 12.93 W$

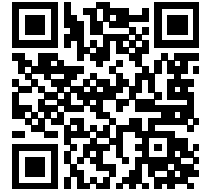
Electrical parameters:

V = 230.23 V I = 0.1829 A P = 40.50 W PF = 0.9620  
 LEVEL:00Y WHITE:ANSI\_4000K  
 Status: Integral T = 109 ms  $I_p = 48190 (740)$   
 GBT5702  
 $R_a = 83$   $G_a = 0.92$

Model: 620X620-40W-4000K  
 Tester:  
 Temperature: 25.3Deg  
 Manufacturer:

Number:  
 Date: 2022-10-15 10:49:58  
 Humidity: 65.0%  
 Remarks:

Model placed on the Union market from 24/10/2023



**EPREL registration number:** 1748839

<https://eprel.ec.europa.eu/qr/1748839>

**Supplier:** ENOVATEK GmbH (Importer)

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**Customer care service:**

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