

# 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-CCT-BL

## 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	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°)	3 600 in Wide cone (120°)	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	3000...6000
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	28	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	620	
	Depth	620	
			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)	0,402 0,368
<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	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

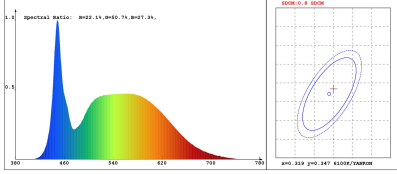
(a)-: not applicable;

(b)-: not applicable;

### LED Test Report

Product Mark  
 Product Type :  
 Temperature :65°C  
 Operator :admin  
 Remark:

Manufacturer :BOHRA  
 Humidity :65%  
 Test Date :2022-10-11 11:27:13



Chroma Parameters  
 Chro.Coor.:x=0.3201 y=0.3484 u=0.1958 v=0.3196 dw=0.0093  
 CCT: 6040K Dominant Wave :507.5nm Purity:4.13  
 Flux SDR Ratio:0.13, 3, 0.93, 3, 0.3, 4.5 Peak Wave:449.5nm Half Width:17.4nm

Rendering Index:Ra= 81.7  
 R1 =97.8 R2 =86 R3 =82 R4 =82 R5 =80 R6 =82 R7 =88 R8 =66  
 R9 =4 R10=68 R11=81 R12=59 R13=80 R14=96 R15=71

Photo Parameters  
 Flux:4035.09lm SR :1109.7lm/W Radiant:11457.4mW Iv:0.0eod  
 Efficiency:0.114 SR Level:A+ (EU 874-2012)

Ele. Parameters  
 Voltage:U=229.000V Current:I=0.1500A Power:P=33.72W  
 Power Factor:PF=0.977

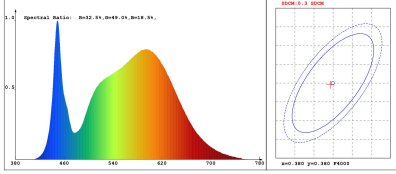
Lamp Parameters  
 Voltage:U=229.000V Current:I=0.0000A Power:P=0.00W  
 Efficiency:0.01m/W SR Level:A+ (EU 874-2012)

Instrument state  
 Instrument:Hpopo HP8000 Integral Time: 16.904ms VPeak: 14794  
 VDark: 1083 Product ID: 201306373

### LED Test Report

Product Mark  
 Product Type :  
 Temperature :65°C  
 Operator :admin  
 Remark:

Manufacturer :BOHRA  
 Humidity :65%  
 Test Date :2022-10-11 11:28:03



Chroma Parameters  
 Chro.Coor.:x=0.3793 y=0.3795 u=0.2232 v=0.3351 dw=0.0016  
 CCT: 6052K Dominant Wave :578.0nm Purity:27.74  
 Flux SDR Ratio:0.18, 0.9, 0.79, 4.9, 0.2, 2.5 Peak Wave:449.5nm Half Width:17.1nm

Rendering Index:Ra= 82.8  
 R1 =81 R2 =88 R3 =93 R4 =83 R5 =81 R6 =84 R7 =87 R8 =66  
 R9 =8 R10=71 R11=83 R12=60 R13=82 R14=96 R15=75

Photo Parameters  
 Flux:4194.83lm SR :1104.7lm/W Radiant:11696.2mW Iv:0.0eod  
 Efficiency:0.109 SR Level:A+ (EU 874-2012)

Ele. Parameters  
 Voltage:U=229.000V Current:I=0.1500A Power:P=33.65W  
 Power Factor:PF=0.977

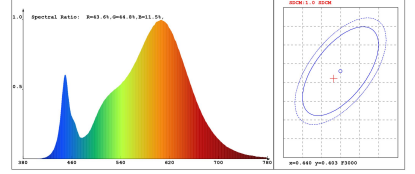
Lamp Parameters  
 Voltage:U=229.000V Current:I=0.0000A Power:P=0.00W  
 Efficiency:0.01m/W SR Level:A+ (EU 874-2012)

Instrument state  
 Instrument:Hpopo HP8000 Integral Time: 21.416ms VPeak: 13542  
 VDark: 1241 Product ID: 201306373

### LED Test Report

Product Mark  
 Product Type :  
 Temperature :65°C  
 Operator :admin  
 Remark:

Manufacturer :BOHRA  
 Humidity :65%  
 Test Date :2022-10-12 16:30:05



Chroma Parameters  
 Chro.Coor.:x=0.4382 y=0.4010 u=0.2527 v=0.3669 dw=0.0014  
 CCT: 2953K Dominant Wave :583.5nm Purity:51.94  
 Flux SDR Ratio:0.23, 4.1, 0.7, 1.1, 0.1, 1.4 Peak Wave:605.7nm Half Width:126.3nm

Rendering Index:Ra= 83.3  
 R1 =82 R2 =81 R3 =97 R4 =82 R5 =83 R6 =90 R7 =83 R8 =40  
 R9 =10 R10=79 R11=83 R12=73 R13=84 R14=99 R15=74

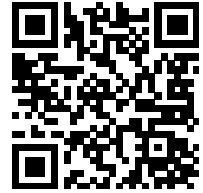
Photo Parameters  
 Flux:4107.27lm SR :1102.0lm/W Radiant:12788.7mW Iv:0.0eod  
 Efficiency:0.112 SR Level:A+ (EU 874-2012)

Ele. Parameters  
 Voltage:U=229.000V Current:I=0.1500A Power:P=33.65W  
 Power Factor:PF=0.977

Lamp Parameters  
 Voltage:U=229.000V Current:I=0.0000A Power:P=0.00W  
 Efficiency:0.01m/W SR Level:A+ (EU 874-2012)

Instrument state  
 Instrument:Hpopo HP8000 Integral Time: 29.410ms VPeak: 15818  
 VDark: 1091 Product ID: 201306373

Model placed on the Union market from 14/12/2022



**EPREL registration number:** 1428590

<https://eprel.ec.europa.eu/qr/1428590>

**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