

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: LX700102

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD 2835		
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

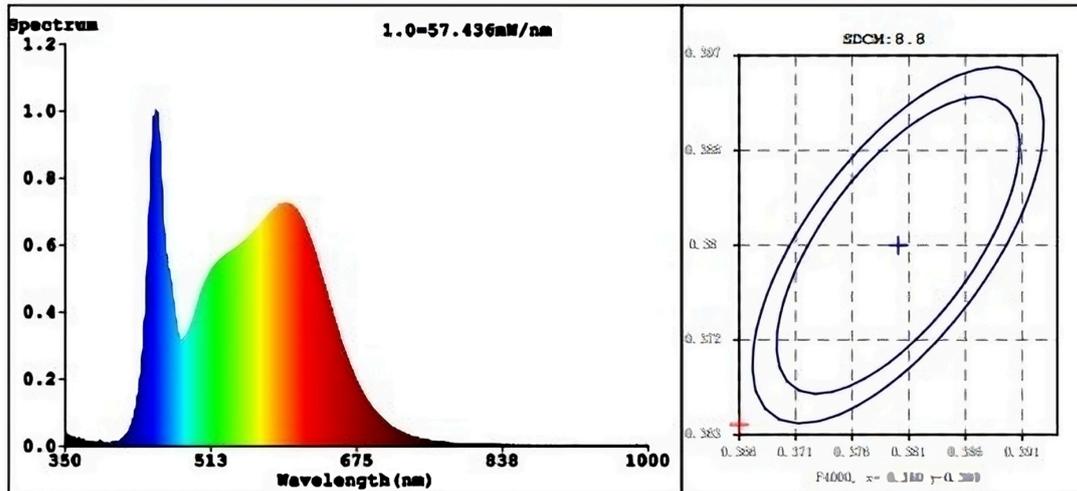
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	28	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 500 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	4 500
On-mode power (P_{on}), expressed in W	28,0	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	2	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	80	
	Depth	5 000	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,380 0,380
Parameters for LED and OLED light sources:			
R9 colour rendering index value	80	Survival factor	-
the lumen maintenance factor	-		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,50	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)	0,4	Stroboscopic effect metric (SVM)	0,9

(a)-: not applicable;

(b)-: not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3611$ $y=0.3641/u'=0.2173$ $v'=0.4930$
 CCT=4492K (Duv=0.0001) Dominant WL:Ld =576.8nm WL:Lc = --nm Purity=17.6%
 Ratio:R=17.6% G=77.8% B=4.6% Peak WL:Lp=451.3nm FWHM=24.3nm
 Render Index:Ra=87.1 AvgR=81.6 TM30:Rf=86 Rg=96

R1 =86 R2 =93 R3 =96 R4 =86 R5 =86 R6 =89 R7 =88
 R8 =71 R9 =24 R10=83 R11=86 R12=66 R13=89 R14=99 R15=81

Photo Parameters:

Flux = 2516 lm Eff. : 106.59 lm/W Fe = 7.896 W
 Scotopic:4764.2 S/P:1.8935

Electrical parameters:

V = 11.998 V I = 1.967 A P = 23.60 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_4500K
 Status: Integral T = 691 ms Ip = 49306 (75%)
 GBT5702

Model:LX700102
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:1
 Date:2023-06-09 14:20:22
 Humidity:65.0%
 Remarks:

Model placed on the Union market from 01/09/2023



EPREL registration number: 1620404

<https://eprel.ec.europa.eu/qr/1620404>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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