

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: LX700100

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

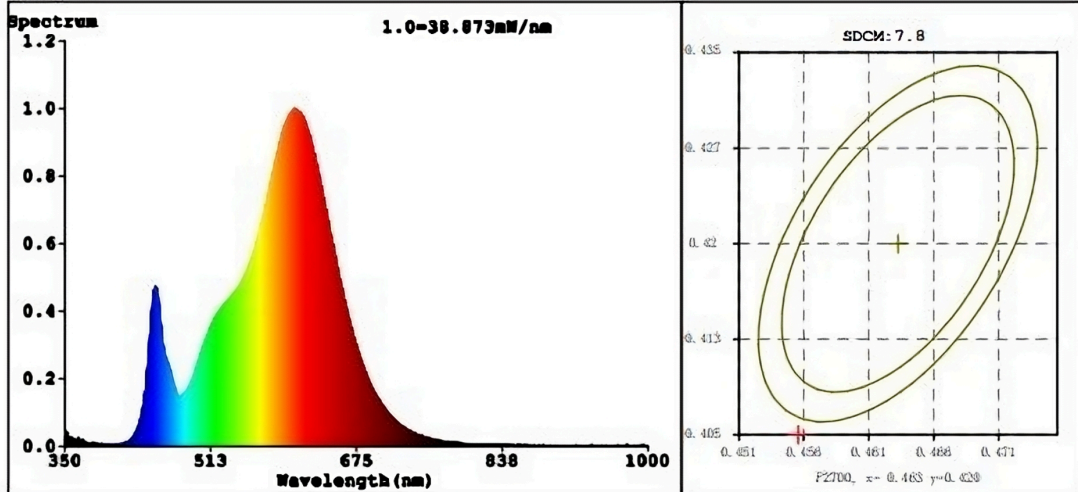
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	16	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 700 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	2 700
On-mode power (P_{on}), expressed in W	16,0	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)	0,463 0,420
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: $x=0.4553$ $y=0.4022/u'=0.2634$ $v'=0.5234$
 CCT=2698K (Duv=-0.0028) Dominant WL:Ld =585.2nm WL:Lc = --nm Purity=57.4%
 Ratio:R=25.6% G=72.1% B=2.3% Peak WL:Lp=606.9nm FWHM=105.5nm
 Render Index:Ra=83.0 AvgR=78.4 TM30:Rf=83 Rg=98

R1 =83 R2 =93 R3 =94 R4 =82 R5 =84 R6 =93 R7 =80
 R8 =56 R9 =7 R10=86 R11=83 R12=79 R13=86 R14=97 R15=74

Photo Parameters:

Flux = 1702 lm Eff. : 105.01 lm/W Fe = 5.257 W
 Scotopic:2117.6 S/P:1.2443

Electrical parameters:

V = 11.998 V I = 1.351 A P = 16.21 W PF = 1.000

LEVEL:OUT WHITE:ANSI_2700K

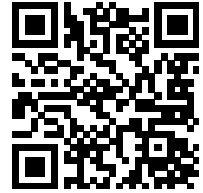
Status: Integral T = 691 ms Ip = 45934 (70%)

GBT5702

Model: LX700100
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:2
 Date:2023-06-09 14:25:17
 Humidity:65.0%
 Remarks:

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



EPREL registration number: 1620384

<https://eprel.ec.europa.eu/qr/1620384>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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