

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: LX100860

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

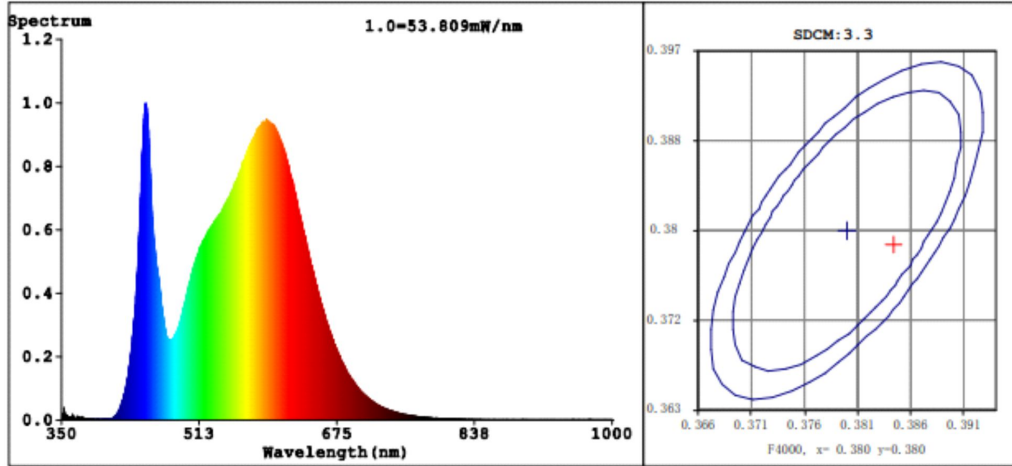
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	D
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 700 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	18,0	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	122	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	27	
	Depth	27	
			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	0	Survival factor	-
the lumen maintenance factor	-		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,80	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: $x=0.3844$ $y=0.3787/u'=0.2270$ $v'=0.5030$
 CCT=3908K (Duv=-0.0003) Dominant WL:Ld =579.5nm WL:Lc = --nm Purity=29.0%
 Ratio:R=18.3% G=78.3% B=3.5% Peak WL:Lp=449.3nm FWHM=21.5nm
 Render Index:Ra=80.9 AvgR=74.0

R1 =79 R2 =88 R3 =95 R4 =79 R5 =79 R6 =84 R7 =84
 R8 =59 R9 =0 R10=72 R11=78 R12=62 R13=81 R14=97 R15=72

Photo Parameters:

Flux = 2809 lm Eff. : 156.67 lm/W Fe = 8.397 W

Electrical parameters:

V = 229.85 V I = 0.1359 A P = 17.93 W PF = 0.5743

Kdisp(IEC) = 0.8931

LEVEL:OUT WHITE:ANSI_4000K

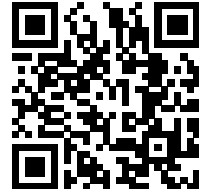
Status: Integral T = 1000 ms Ip = 26178 (40%)

GBT5702

Model:
 Tester:DAMIN
 Temperature:25.3Deg
 Manufacturer:

Number:T8-1.2M-18W-NW 热态 7
 Date:2023-10-23 14:10:14
 Humidity:65.0%
 Remarks:

Model placed on the Union market from 01/01/2024



EPREL registration number: 1829437

<https://eprel.ec.europa.eu/qr/1829437>

Supplier: ENOVATEK GmbH (Manufacturer)

Website: www.enovatek.de

Customer care service:

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