

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: LX100820

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

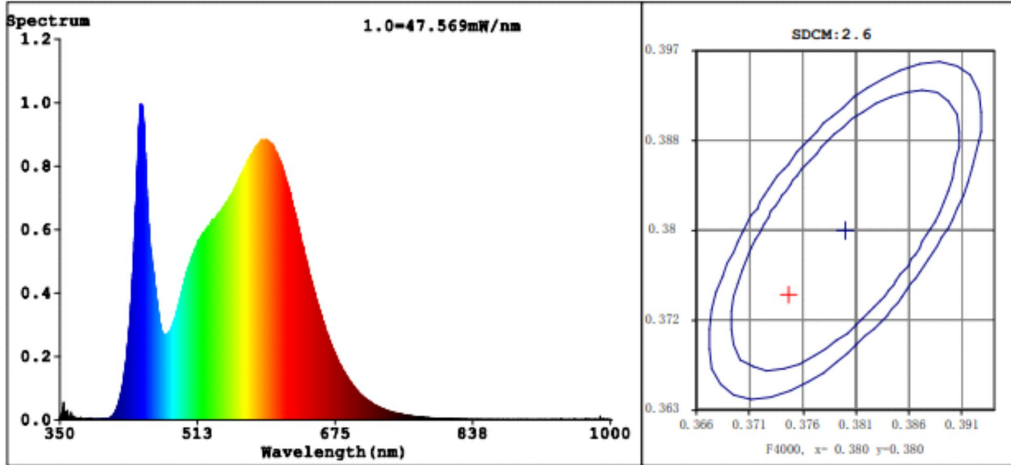
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 200 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	1	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: $x=0.3747$ $y=0.3739$ $u'=0.2224$ $v'=0.4995$
 CCT=4141K (Duv=0.0004) Dominant WL:Ld =578.3nm WL:Lc = --nm Purity=24.7%
 Ratio:R=17.7% G=78.5% B=3.8% Peak WL:Lp=445.6nm FWHM=21.8nm
 Render Index:Ra=82.4 AvgR=75.6

R1 =80 R2 =88 R3 =95 R4 =82 R5 =81 R6 =84 R7 =85
 R8 =63 R9 =1 R10=73 R11=82 R12=67 R13=82 R14=97 R15=73

Photo Parameters:

Flux = 2404 lm Eff. : 133.91 lm/W Fe = 7.280 W

Electrical parameters:

V = 229.85 V I = 0.1351 A P = 17.95 W PF = 0.5781

Kdisp(IEC) = 0.8895

LEVEL:OUT WHITE:ANSI_4000K

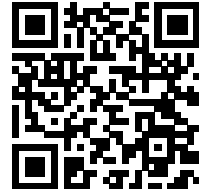
Status: Integral T = 1000 ms Ip = 21610 (33%)

GBT5702

Model:
 Tester:DAMIN
 Temperature:25.3Deg
 Manufacturer:

Number:T8-1.2M-18W-NW 热态 4
 Date:2023-10-23 13:04:51
 Humidity:65.0%
 Remarks:

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



EPREL registration number: 1829396

<https://eprel.ec.europa.eu/qr/1829396>

Supplier: ENOVATEK GmbH (Manufacturer)

Website: www.enovatek.de

Customer care service:

Name: ENOVATEK GmbH

Website: www.enovatek.de

Email: info@enovatek.de

Phone: +49 4461 / 7464233

Address:

Sillensteder Straße 213

26441 Jever

Germany