

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: LX400150

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	10	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°)	950 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	4 000
On-mode power (P_{on}), expressed in W	10,0	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	50	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	112	
	Depth	100	
			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)	0,90	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;

Spectrum Test Report

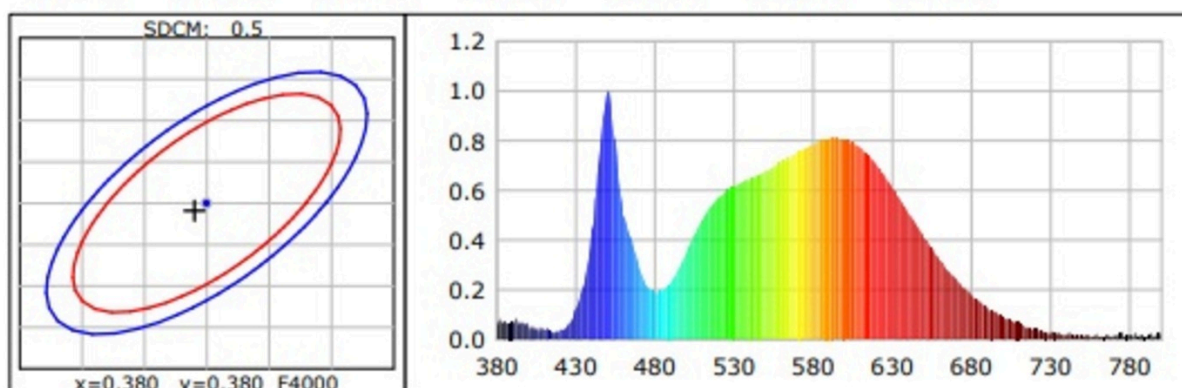
Product Information

Product Type: LX400150
Product Number: 1

Product Spec: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3790$ $y=0.3791$ $u(u')=0.2232$ $v=0.3349$ $v'=0.5024$
CCT: $T_c=4056K$ ($duv=0.00150$) Color Ratio: $R=0.179$ $G=0.789$ $B=0.032$
Peak Wavelength: 0nm Half Bandwidth: 18.8nm
Dominant Wavelength: 579.0nm Color Purity: 0.275
CRI: R_i : $R_a=81.5$
 $R_1=80$ $R_2=87$ $R_3=92$ $R_4=82$ $R_5=80$ $R_6=82$ $R_7=86$ $R_8=65$
 $R_9=5$ $R_{10}=68$ $R_{11}=80$ $R_{12}=57$ $R_{13}=81$ $R_{14}=95$ $R_{15}=74$



Photometric Parameters

Luminous Flux: 918.6 lm

Efficiency: 90.06 lm/W

Radiant Power: 2.772 W

Electric Parameters

Voltage: 229.90V
Power Factor: 0.907

Current: 0.0490A
Frequency: 50.00Hz

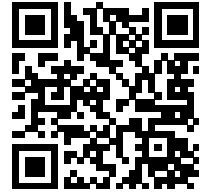
Power: 10.200W

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 Min
Max of Signal: 11031 (37714)

Photometric Method:
Photometric Condition: Sphere diameter: 1.00m, 4T
CCD Integration Time: 981.13 ms

Model placed on the Union market from 01/03/2024



EPREL registration number: 1863910

<https://eprel.ec.europa.eu/qr/1863910>

Supplier: ENOVATEK GmbH (Importer)

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