

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: LX400153

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	50	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°)	5 000 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	50,0	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	210	
	Depth	155	
			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

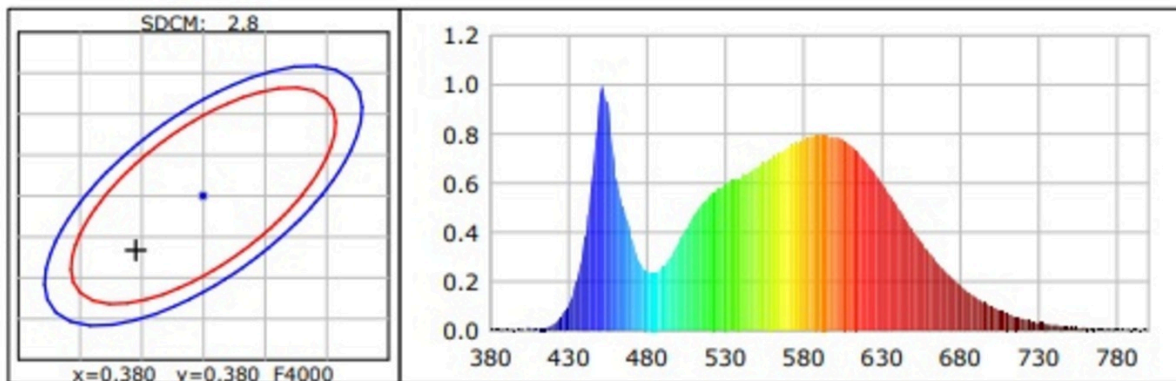
Product Information

Product Type: LX400153
Product Number: 1

Product Spec: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3745$ $y=0.3733$ $u(u')=0.2226$ $v=0.3328$ $v'=0.4992$
CCT: $T_c=4141K$ ($duv=0.00016$) Color Ratio: $R=0.179$ $G=0.785$ $B=0.037$
Peak Wavelength: 0nm Half Bandwidth: 21.9nm
Dominant Wavelength: 579.4nm Color Purity: 0.244
CRI: R_i : $R_a=82.6$
 $R_1=81$ $R_2=89$ $R_3=94$ $R_4=81$ $R_5=81$ $R_6=84$ $R_7=86$ $R_8=65$
 $R_9=9$ $R_{10}=72$ $R_{11}=80$ $R_{12}=58$ $R_{13}=83$ $R_{14}=97$ $R_{15}=76$



Photometric Parameters

Luminous Flux: 4945.5 lm

Efficiency: 99.11 lm/W

Radiant Power: 14.974 W

Electric Parameters

Voltage: 229.80V
Power Factor: 0.994

Current: 0.2180A
Frequency: 50.00Hz

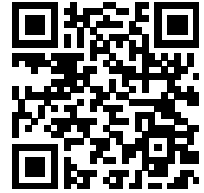
Power: 49.900W

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 Min
Max of Signal: 11437 (37464)

Photometric Method:
Photometric Condition: Sphere diameter: 1.00m, 4T
CCD Integration Time: 201.25 ms

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



EPREL registration number: 1863969

<https://eprel.ec.europa.eu/qr/1863969>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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