

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: ENOVALITE

Supplier's address: ENOVATEK GmbH, Sillensteder Straße 213, 26441 Jever, DE

Model identifier: ELED800120

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	30	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°)	4 500 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	5 000
On-mode power (P_{on}), expressed in W	30,0	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	64	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	522	
	Depth	193	
			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)	0,345 0,355
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

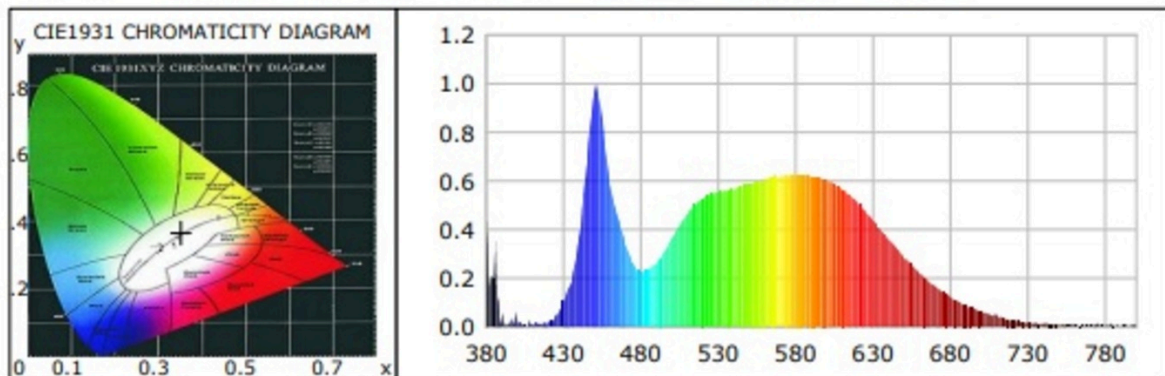
Product Information

Product Type: ELED800105

Product Spec: 5000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3505$ $y=0.3664$ $u(u')=0.2094$ $v=0.3283$ $v'=0.4925$
CCT: $T_c=4860K$ ($duv=0.00517$) Color Ratio: $R=0.157$ $G=0.801$ $B=0.042$
Peak Wavelength: 0nm Half Bandwidth: 20.4nm
Dominant Wavelength: 570.4nm Color Purity: 0.151
CRI: R_i : $R_a=81.8$
 $R_1=79$ $R_2=87$ $R_3=93$ $R_4=81$ $R_5=79$ $R_6=82$ $R_7=88$ $R_8=66$
 $R_9=3$ $R_{10}=69$ $R_{11}=79$ $R_{12}=54$ $R_{13}=81$ $R_{14}=96$ $R_{15}=73$



Photometric Parameters

Luminous Flux: 943.6 lm

Efficiency: 31.16 lm/W

Radiant Power: 2.894 W

Electric Parameters

Voltage: 231.20V

Current: 0.1380A

Power: 30.280W

Power Factor: 0.949

Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 Sec
Max of Signal: 10091 (38718)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4[
CCD Integration Time: 238.45 ms

Condition: $T_x:0.0^\circ C$, $T_i:0.0^\circ C$

Test Lab:

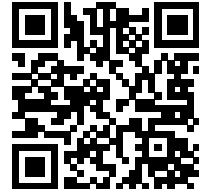
Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2021-08-24 10:29:33

Inspector:

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



EPREL registration number: 1864249

<https://eprel.ec.europa.eu/qr/1864249>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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