

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: ELED200131

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	36	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°)	4 320 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	36,0	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	60	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	59	
	Depth	1 200	
			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)	0,382 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	5
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)	0,4

(a)-: not applicable;

(b)-: not applicable;

Spectrum Test Report

Sample :
Specification : ELED200131
Sample No. : D06-01
Manufacturer : ENOVATEK GMBH
Assessor : damin
Remark :
Device SN :

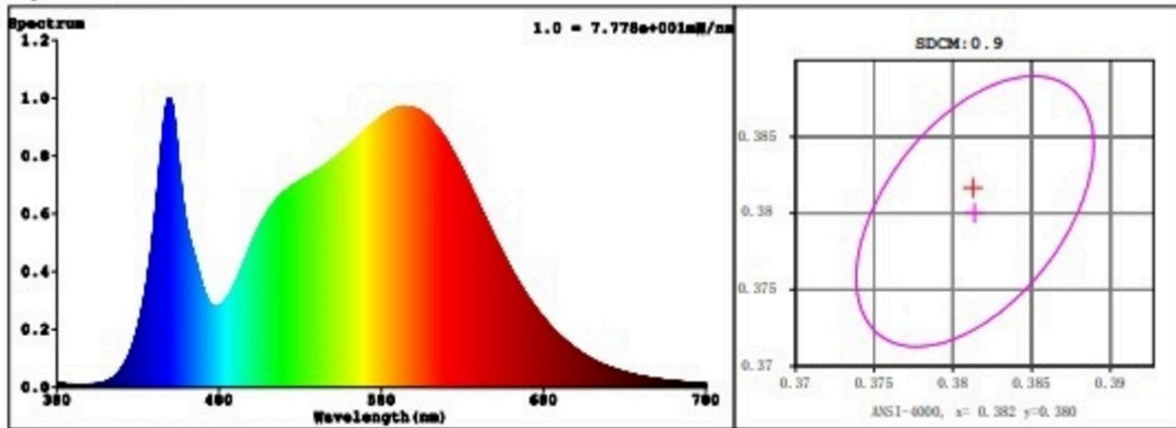
Date : 2023-04-02 08:26:38
Sam. Status : 4000K
Standard :
Instrument : HaasSuite(EVERFINE)
Test by : 011

Test Condition

Temperature : 28.1 °C
WL Range : 380nm-780nm
Test Mode : Fast Test High

RH : 65.0%
IP : 50581 (77%)
T : 70 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3817$ $y = 0.3814$ / $u' = 0.2241$ $v' = 0.5038$ ($duv=1.80e-03$) $Dx, Dy: 0.0013, 0.0047$
CCT= 4000K Prcp WL: $L_d=578.1nm$ Purity=29.0%
Peak WL: $L_p=450nm$ FWHM: =23.5nm Ratio:R=18.3% G=78.2% B=3.5%
Render Index: $R_a = 83.8$ AvgR = 77.4

R1 =82 R2 =89 R3 =95 R4 =84 R5 =82 R6 =85 R7 =87
R8 =66 R9 =12 R10=74 R11=83 R12=65 R13=84 R14=97 R15=76
LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

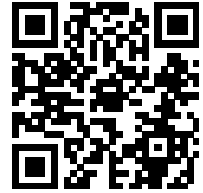
Flux = 4410.6 lm Eff. : 122.58 lm/W $F_e = 13.427 W$
EEL: 0.11113 A+
EEC: 122.6 E

Electrical parameters

$V = 229.69 V$ $I = 0.1599 A$ $P = 35.98 W$ PF = 0.9799 F=50.00 Hz
 $K_{disp} = 0.9835$

EVERFINE CORPORATION
<http://www.everfine.cn>

Model placed on the Union market from 16/02/2023



EPREL registration number: 1480854

<https://eprel.ec.europa.eu/qr/1480854>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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