

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: ELED200130

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°)	2 070 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	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	60	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	59	
	Depth	65	
			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;

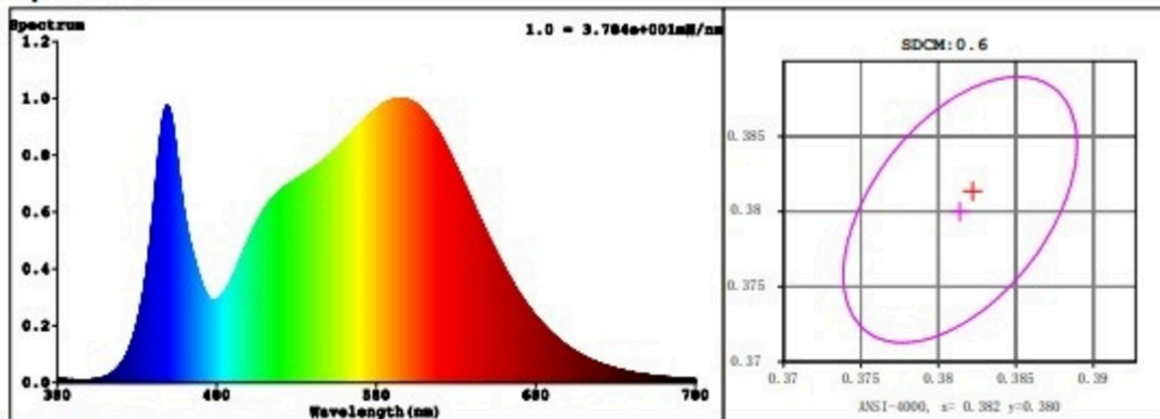
Spectrum Test Report

Sample :
Specification : ELED200130
Sample No. : D06-01
Manufacturer : ENOVATEK GMBH
Assessor : damin
Remark :
Device SN :
Date : 2023-04-02 08:23:46
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 : 53067 (81%)
T : 140 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3827$ $y = 0.3811$ / $u' = 0.2248$ $v' = 0.5038$ ($duv=1.39e-03$) $Dx, Dy: 0.0010, 0.0036$
CCT= 3973K Prcp WL: $L_d=578.5nm$ Purity=29.2%
Peak WL: $L_p=595nm$ FWHM: =151.5nm Ratio:R=18.4% G=78.1% B=3.6%
Render Index: $R_a = 83.4$ AvgR = 77.0

R1 =82 R2 =89 R3 =95 R4 =83 R5 =82 R6 =85 R7 =86
R8 =65 R9 =9 R10=74 R11=83 R12=66 R13=83 R14=97 R15=75
LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 2184.8 lm Eff. : 119.33 lm/W $F_e = 6.6233$ W
EEL: 0.11415 A+
EEC: 119.3 E

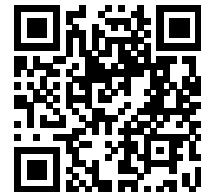
Electrical parameters

V = 229.71 V I = 0.08359 A P = 18.31 W PF = 0.9535 F=50.00 Hz
Kdisp = 0.9619

EVERFINE CORPORATION

<http://www.everfine.cn>

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



EPREL registration number: 1480838

<https://eprel.ec.europa.eu/qr/1480838>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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