

# 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:** ELED200120

## 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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 800 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	3 000 or 4 000 or 6 000
On-mode power ( $P_{on}$ ), expressed in W	20,0	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	83
Outer dimensions without separate control gear, lighting control	Height	320	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	320	
	Depth	75	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,366 0,361
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	83	Survival factor	-
the lumen maintenance factor	0,70		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,40	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)	-

(a)-: not applicable;

(b)-: not applicable;

# Product test report

## Product information:

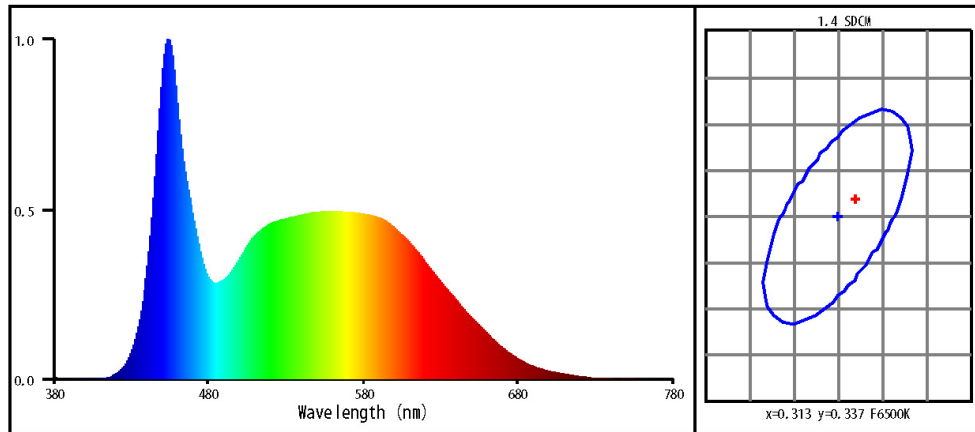
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Productmodel:ELED200120	Test time:2024-09-04
Productnumber:	14:13:40 Environment
Productionmerchant:OTC	humidity:65.0 %Environment
Tester:Fengge	Temperature:20.6 °C
Testsystem:HuzhouSinopoSPL720Spectralanalysissystem	Verification:Ben Yee

## CIE PARAMETER

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Coordinate: $x=0.3150, y=0.3391$	CCT: $T_c=6325$ K Main	Purity: Purity=5.9% Peak		
$u' = 0.1957, v' = 0.3160$	Wave: $\lambda_d=495.8$ nm Green	Wave: $\lambda_p=453$ nm Blue		
RedRatio:R=13.2%	Ratio:G=81.7%	Ratio:B=5.0%		
Colorrenderingproperty:Ra=85.7	Half Width: $\Delta \lambda_d=22.7$ nm	Chromatism : SDCM=1.4		
R1=83	R2=91	R3=95	R4=84	R5=84
R6=88	R7=89	R8=71	R9=12	R10=79
R11=84	R12=61	R13=86	R14=97	R15=78



## Other parameters:

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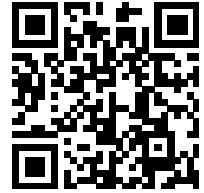
Flux: $\Phi=1699.47$ Lm	Efficiency: $Eff_i=98.0$ Lm/W	Stability: %=0.00 %
Voltage: $V=232.32$ V	Current: $I=0.090$ A	Power: $P=17.348$ W
Power factor: $PF=0.831$		

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Test By GERRY

TEL:

Model placed on the Union market from 04/02/2025



**EPREL registration number:** 2152783

<https://eprel.ec.europa.eu/qr/2152783>

**Supplier:** ENOVATEK GmbH (Importer)

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**Customer care service:**

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