

# 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:** ELED400304

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD3030		
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

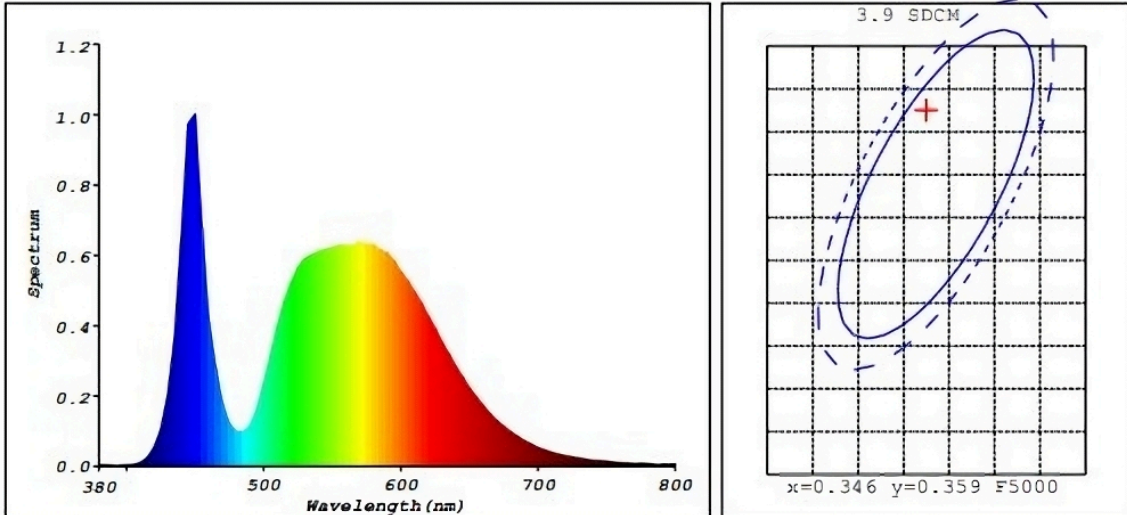
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	800	Energy efficiency class	E
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	82 000 in Narrow cone (90°)	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	800,0	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	70
Outer dimensions without separate control gear, lighting control	Height	840	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	319	
	Depth	70	
			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)	0,345 0,367
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	70	Survival factor	-
the lumen maintenance factor	-		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	3
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)	0,4	Stroboscopic effect metric (SVM)	0,9

(a)-: not applicable;

(b)-: not applicable;

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3451$   $y=0.3660$   
 Chromaticity Coordinate:  $u'=0.3451$   $v'=0.3660$  ( $duv=7.06e-03$ )  
 $Tc=5046K$  Dominant WL:  $Ld=566.7nm$  Purity:  $13.4\%$  Centroid WL:  $554.0nm$   
 Ratio:  $R=15.0\%$   $G=82.4\%$   $B=2.6\%$  Peak WL:  $Lp=450.0nm$  HWL:  $20.9nm$   
 Render Index:  $Ra=71.0$   
 $R1 = 68$   $R2 = 75$   $R3 = 81$   $R4 = 72$   $R5 = 69$   $R6 = 67$   $R7 = 80$   
 $R8 = 55$   $R9 = -37$   $R10=41$   $R11=70$   $R12=40$   $R13=69$   $R14=89$   $R15=61$

**Photo Parameters:**

Flux:  $100695$  lm  $Fe: 303.08$  W Efficacy:  $126.9$  lm/W

**Electrical Parameters:**

Luminaire:  $U=231.6V$   $I=3.522A$   $P=793.5W$   $PF=0.9729$

**Instrument Status:**

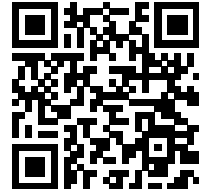
Scan Range:  $380.0nm-800.0nm$  Interval:  $5.0nm[0]$   $Ip=15905$  ( $G=2, D=36$ )  
 $REF=13295$  ( $R=2$ )  $\varphi=-0.098\%$   $PMT: 20.0$  centigrade [ $150.0$ ]

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Product Type:  $800W$   
 Number:  $2$   
 Temperature:  $25.3$  deg  
 Test Operator:  $L$   
 Software:  $V2.00.100$

Manufacturer:  $TR$   
 Test Department:  $TR$   
 Humidity:  $65.0\%$   
 Test Date:  $2023-05-26$   $09:27:23$   
 Instrument:  $PMS-80_V1$  (SN:  $1007038$ )

Model placed on the Union market from 01/09/2023



**EPREL registration number:** 1620318

<https://eprel.ec.europa.eu/qr/1620318>

**Supplier:** ENOVATEK GmbH (Importer)

**Website:** [www.enovatek.de](http://www.enovatek.de)

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