

# Product Information Sheet

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

**Supplier's name or trade mark:** ENOVA

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

**Model identifier:** ELED600410

## 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:	Yes	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	30	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°)	3 300 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	4 000
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	295	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	1 195	
	Depth	16	
			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)	0,380 0,380
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	80	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	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)	0,4

(a)-: not applicable;

(b)-: not applicable;

## Spectrum Test Report

Sample :  
 Specification : 295-1195-30W-4000K-UGR  
 Sample No. : 1  
 Manufacturer :

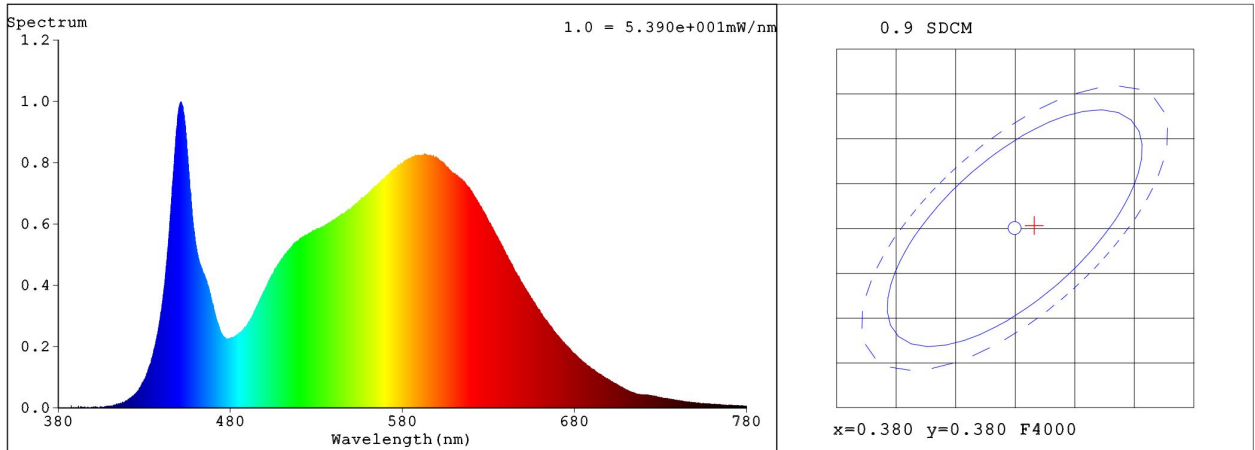
Date : 2022-11-29 15:25:37  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : DAMIN  
 Assessor : damin

### Test Condition

Temperature : 25.3Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 65.0%  
 IP : 5144 (8%)  
 T : 10 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3816$   $y = 0.3803$  /  $u' = 0.2245$   $v' = 0.5033$  ( $duv=1.32e-03$ )

CCT= 3995K Prcp WL: Ld=578.4nm Purity=28.7%

Peak WL: Lp=451nm FWHM: =18.0nm Ratio:R=18.1% G=78.3% B=3.5%

Render Index: Ra = 82.3 CRI = 75.4 AvgR = 75.3

R1 =80 R2 =89 R3 =95 R4 =81 R5 =80 R6 =84 R7 =86

R8 =63 R9 =4 R10=74 R11=80 R12=59 R13=82 R14=98 R15=74

LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 2546.9 lm Eff. : 82.34 lm/W Fe = 7.5901 W

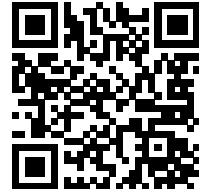
### Electrical parameters

V = 229.9 V I = 0.1388 A P = 30.93 W PF = 0.9692 F=49.99 Hz

**EVERFINE CORPORATION**

<http://www.everfine.cn>

Model placed on the Union market from 02/12/2022



**EPREL registration number:** 1419511

<https://eprel.ec.europa.eu/qr/1419511>

**Supplier:** ENOVATEK GmbH (Importer)

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

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