

# Product Information Sheet

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

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

**Supplier's address:** ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

**Model identifier:** 99LED859S

**Type of light source:**

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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:	Yes

## Product parameters

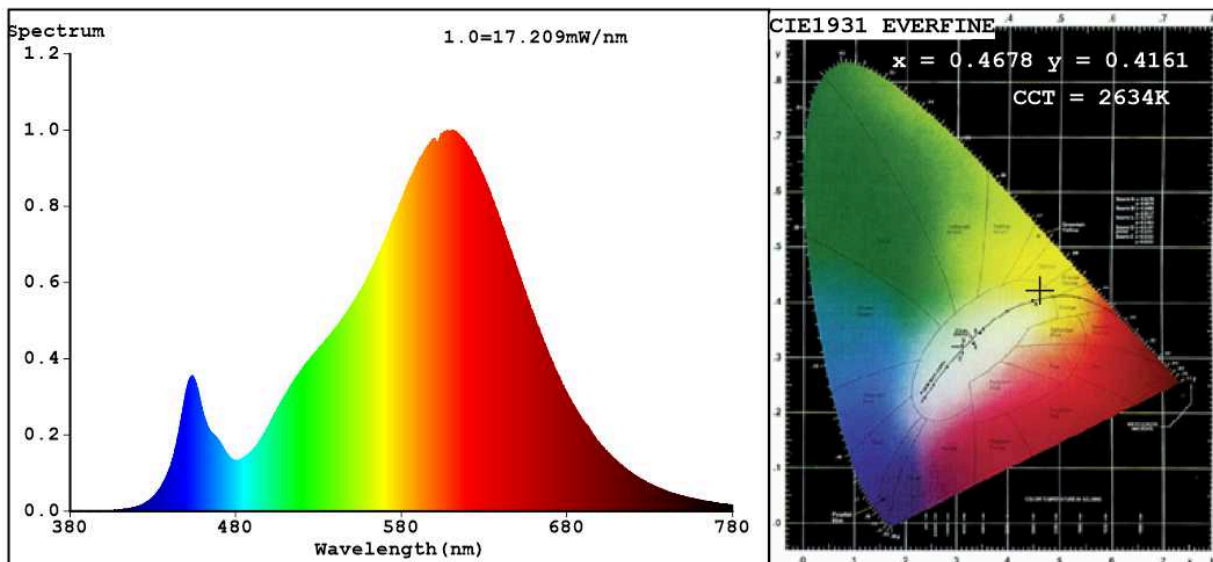
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	800 in Sphere (360°)	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	2 700
On-mode power ( $P_{on}$ ), expressed in W	7,8	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,00
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	81
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power <sup>(a)</sup>	Yes	If yes, equivalent power (W)	60	
		Chromaticity coordinates (x and y)	0,467 0,416	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	6	Survival factor	0,50	
the lumen maintenance factor	0,90			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	0	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	Yes <sup>(b)</sup>	If yes then replacement claim (W)	55	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4678$   $y=0.4161$   $u'=0.2651$   $v'=0.5306$

$CCT=2634K$  ( $Duv=0.0014$ ) Dominant WL:  $Ld = 584.1nm$  Purity=65.3%

Ratio:  $R=25.4\%$   $G=72.6\%$   $B=1.9\%$ ; Peak WL:  $Lp=611.4nm$  FWHM=117.5nm

Render Index:  $Ra=81.4$

R1 =80	R2 =90	R3 =97	R4 =78	R5 =79	R6 =88	R7 =82
R8 =57	R9 =6	R10=78	R11=77	R12=69	R13=82	R14=99
						R15=72

### Photo Parameters:

Flux = 776.6 lm Eff. : 98.54 lm/W Fe = 2.392 W

### Electrical parameters:

V = 229.93 V I = 0.03597 A P = 7.880 W PF = 0.9527

WHITE:ANSI\_2700K

Status: Integral T = 45 ms Ip = 48627 (74%)

Model: VINTAGE LAMP/8W  
Tester: Petya Marinova  
Temperature: 25.3Deg  
Manufacturer: ELMARK

Number: 99LED859G  
Date: 2019-03-19 13:56  
Humidity: 65.0%  
Remarks: 018V047B\_4838