

# 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:** 99LED678

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated LED		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

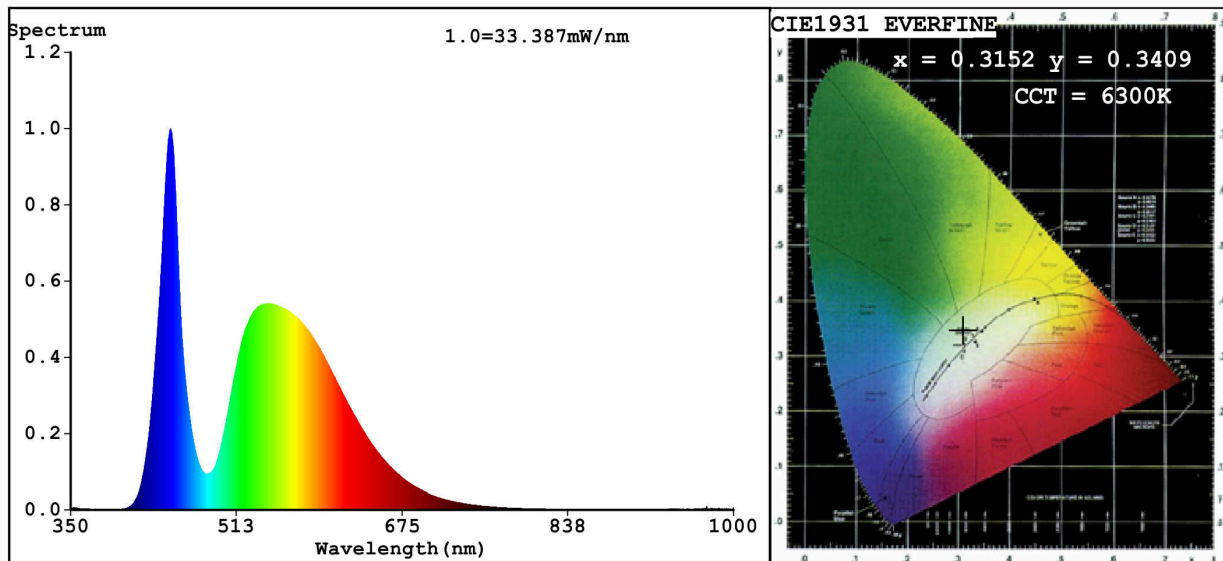
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 050 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	6 500
On-mode power ( $P_{on}$ ), expressed in W	11,7	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	69
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>	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,315 0,340
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	447		Beam angle in degrees, or the range of beam angles that can be set	120
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	0		Survival factor	0,00
the lumen maintenance factor	0,00			

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3152$   $y=0.3409$   $u'=0.1951$   $v'=0.4749$   
CCT=6300K (Duv=0.0080) Dominant WL:  $L_d = 497.1\text{nm}$  WL:  $L_c = \text{--nm}$  Purity=5.7%  
Ratio: R=11.7% G=84.9% B=3.4% Peak WL:  $L_p = 447.9\text{nm}$  FWHM=22.6nm  
Render Index:  $R_a = 69.5$  AvgR=60.7 TM30:  $R_f = 73$   $R_g = 91$   $L_{av} = 542.5\text{nm}$

R1 =66	R2 =72	R3 =76	R4 =71	R5 =68	R6 =64	R7 =80	
R8 =58	R9 =0	R10=34	R11=68	R12=39	R13=67	R14=87	R15=61

### Photo Parameters:

Flux = 1053 lm Eff. : 89.65 lm/W  $\Phi_e = 3.213\text{ W}$

### Electrical parameters:

V = 12.080 V I = 0.9728 A P = 11.75 W PF = 1.000  
WHITE: ANSI\_6500K

Status: Integral T = 39 ms  $I_p = 51364$  (78%)

Model: LED STRIP LIGHTS  
Tester: Atanas DAKOV  
Temperature: 25.3Deg  
Manufacturer: ELMARK

Number: 99LED678  
Date: 2021-07-27 13:04:28  
Humidity: 65.0%  
Remarks: