

# 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:** 99LED668

## 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

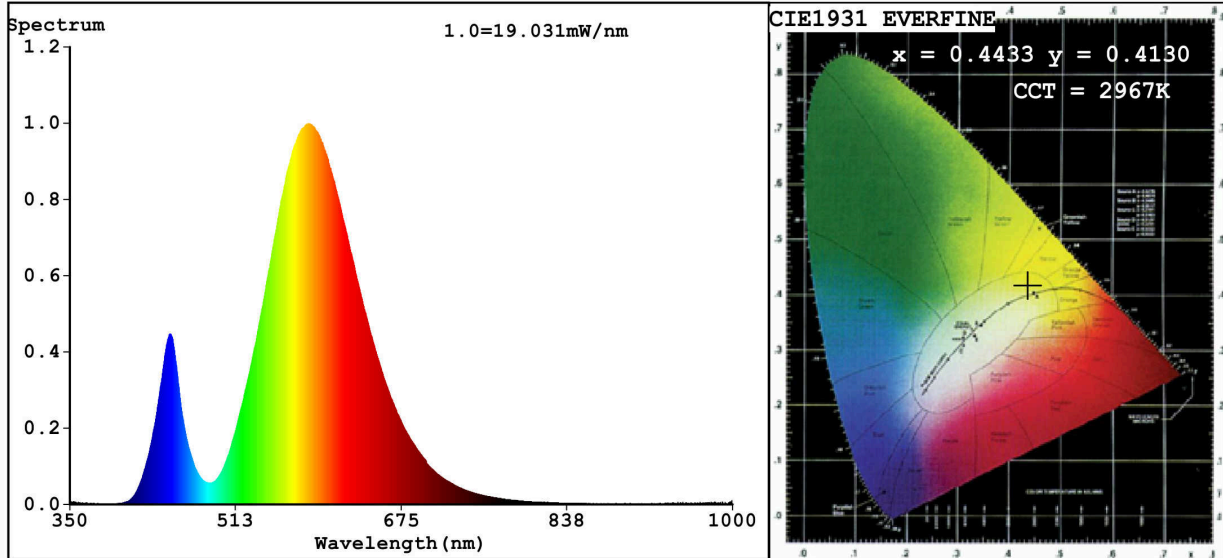
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	800 in 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
On-mode power ( $P_{on}$ ), expressed in W	9,4	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	60
Outer dimensions without	Height	1 000	Spectral power distribution in the See image in last page
	Width	10	
	Depth	3	

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)	0,443 0,413
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	584		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:  $x=0.4433$   $y=0.4130$  /  $u'=0.2508$   $v'=0.5258$   
 CCT=2967K (Duv=0.0027) Dominant WL:  $L_d = 582.1\text{nm}$  WL:  $L_c = \text{--nm}$  Purity=57.1%  
 Ratio: R=19.5% G=79.3% B=1.2% ; Peak WL:  $L_p = 584.5\text{nm}$  FWHM=102.9nm  
 Render Index:  $R_a = 60.1$  AvgR=51.7 TM30:  $R_f = 65$   $R_g = 89$   $L_{av} = 584.9\text{nm}$

R1 =54	R2 =73	R3 =89	R4 =52	R5 =51	R6 =58	R7 =74	
R8 =31	R9 =0	R10=37	R11=38	R12=23	R13=56	R14=93	R15=48

**Photo Parameters:**

Flux = 892.7 lm Eff. : 94.75 lm/W  $F_e = 2.445$  W

**Electrical parameters:**

V = 12.080 V I = 0.7800 A P = 9.422 W PF = 1.000  
 WHITE:ANSI\_3000K

Status: Integral T = 39 ms  $I_p = 35570$  (54%)

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

Number:99LED668  
 Date:2021-07-27 13:10:04  
 Humidity:65.0%  
 Remarks: