

# 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:** 99LED951

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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:	Yes

## Product parameters

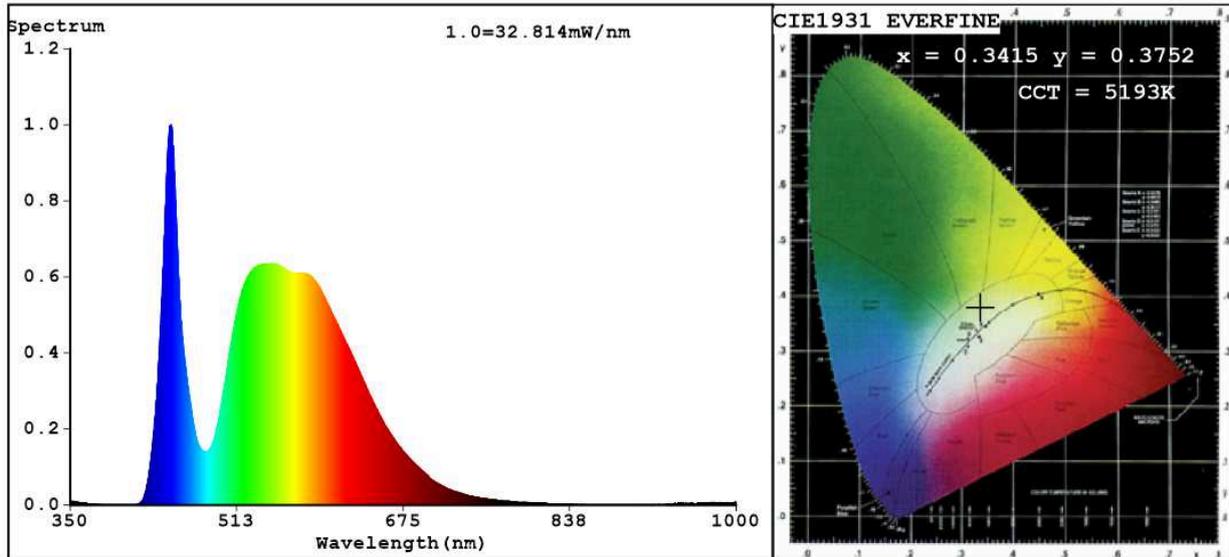
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 300 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	6 000
On-mode power ( $P_{on}$ ), expressed in W	46,0	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	73
Outer dimensions without separate control gear, lighting control	Height	10 000	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	10	
	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)	0,341 0,375
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	0	Survival factor	0,50
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3415$   $y=0.3752$  /  $u'=0.2003$   $v'=0.4952$   
 CCT=5193K (Duv=0.0128) Dominant WL:Ld =562.0nm WL:Lc = --nm Purity=15.1%  
 Ratio:R=13.4% G=83.3% B=3.3% ; Peak WL:Lp=447.9nm FWHM=19.2nm  
 Render Index:Ra=73.9

R1 =70    R2 =77    R3 =85    R4 =75    R5 =71    R6 =71    R7 =84  
 R8 =59    R9 =0    R10=48    R11=73    R12=44    R13=71    R14=92    R15=62

**Photo Parameters:**

Flux = 1294 lm    Eff. : 28.09 lm/W    Fe = 3.809 W

**Electrical parameters:**

V = 22.941 V    I = 2.007 A    P = 46.05 W PF = 1.000

WHITE:OUT

Status: Integral T = 49 ms    Ip = 50822 (78%)

Model:LED NEON FLEX  
 Tester:Atanas DAKOV  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number: 99LED951  
 Date:2020-01-07 15:41:08  
 Humidity:65.0%  
 Remarks:6292