

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: 99LED671

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

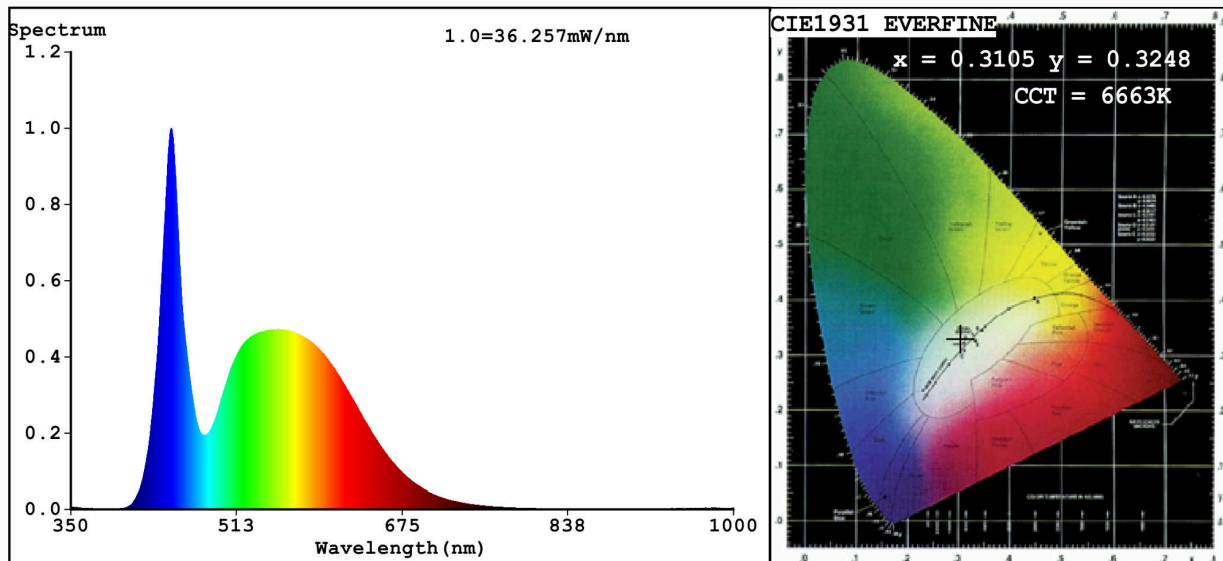
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 100 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	13,5	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 ^(a)	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,310 0,324
Parameters for directional light sources:				
Peak luminous intensity (cd)	448		Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value	7		Survival factor	0,00
the lumen maintenance factor	0,00			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3105$ $y=0.3248$ $u'=0.1979$ $v'=0.4657$
CCT=6663K (Duv=0.0021) Dominant WL: $\lambda_d = 486.8\text{nm}$ WL: $\lambda_c = \text{--nm}$ Purity=8.4%
Ratio: R=13.2% G=81.7% B=5.1%; Peak WL: $\lambda_p = 448.5\text{nm}$ FWHM=23.7nm
Render Index: Ra=81.3 AvgR=73.9 TM30: Rf=82 Rg=95 Lav=538.5nm

R1 =80	R2 =84	R3 =85	R4 =83	R5 =82	R6 =78	R7 =87
R8 =71	R9 =7	R10=61	R11=83	R12=58	R13=81	R14=92
						R15=76

Photo Parameters:

Flux = 1097 lm Eff. : 81.14 lm/W $\Phi_e = 3.600\text{ W}$

Electrical parameters:

V = 12.080 V I = 1.119 A P = 13.52 W PF = 1.000

WHITE: ANSI_6500K

Status: Integral T = 39 ms $I_p = 55910$ (85%)

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

Number: 99LED671
Date: 2021-07-27 12:59:18
Humidity: 65.0%
Remarks: