

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: 99LED670

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

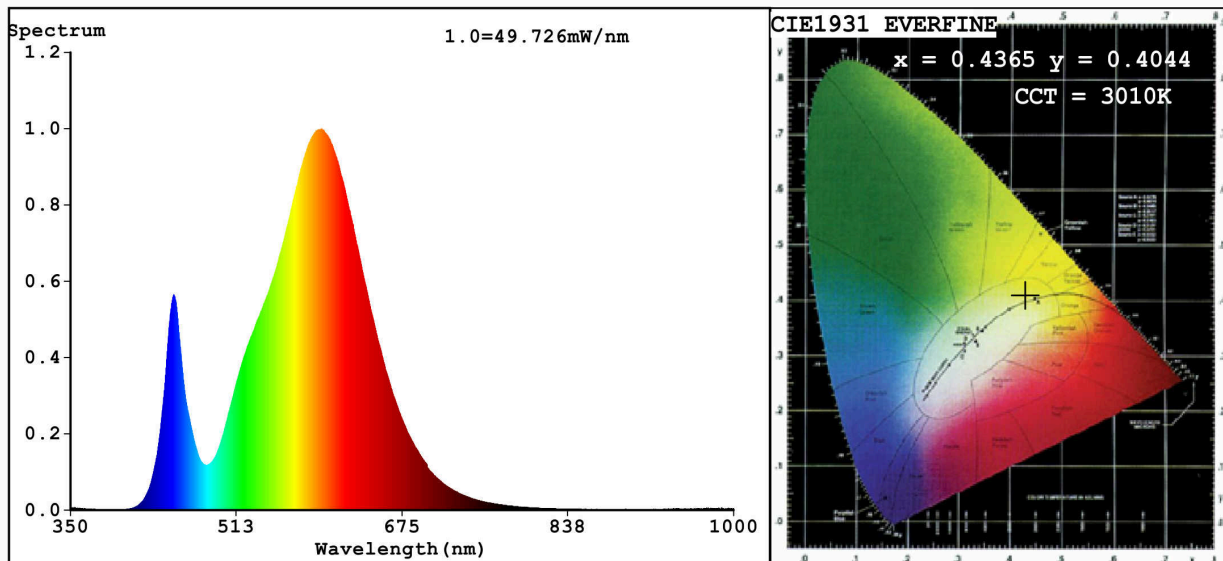
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 500 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	14,0	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	72
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)	0,436 0,404
Parameters for directional light sources:				
Peak luminous intensity (cd)	596		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	0		Survival factor	0,00
the lumen maintenance factor	0,00			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4365$ $y=0.4044$ $u'=0.2502$ $v'=0.5214$
 CCT=3010K (Duv=0.0002) Dominant WL: $L_d = 582.7nm$ WL: $L_c = --nm$ Purity=52.4%
 Ratio: R=21.3% G=76.8% B=1.9% Peak WL: $L_p = 596.4nm$ FWHM=113.3nm
 Render Index: $R_a = 72.8$

R1 =69	R2 =83	R3 =94	R4 =68	R5 =68	R6 =77	R7 =78
R8 =44	R9 =0	R10=62	R11=63	R12=51	R13=72	R14=97 R15=62

Photo Parameters:

Flux = 2380 lm Eff. : 75.68 lm/W $F_e = 6.838 W$

Electrical parameters:

V = 12.080 V I = 2.603 A P = 31.45 W PF = 1.000

WHITE: ANSI_3000K

Status: Integral T = 19 ms $I_p = 51653 (79\%)$

Model: LED 300/14.4W/m
 Tester: Petya Marinova
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 99LED670
 Date: 2019-09-04 09:24:15
 Humidity: 65.0%
 Remarks: 019V013A_5952