

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: 99LED694

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

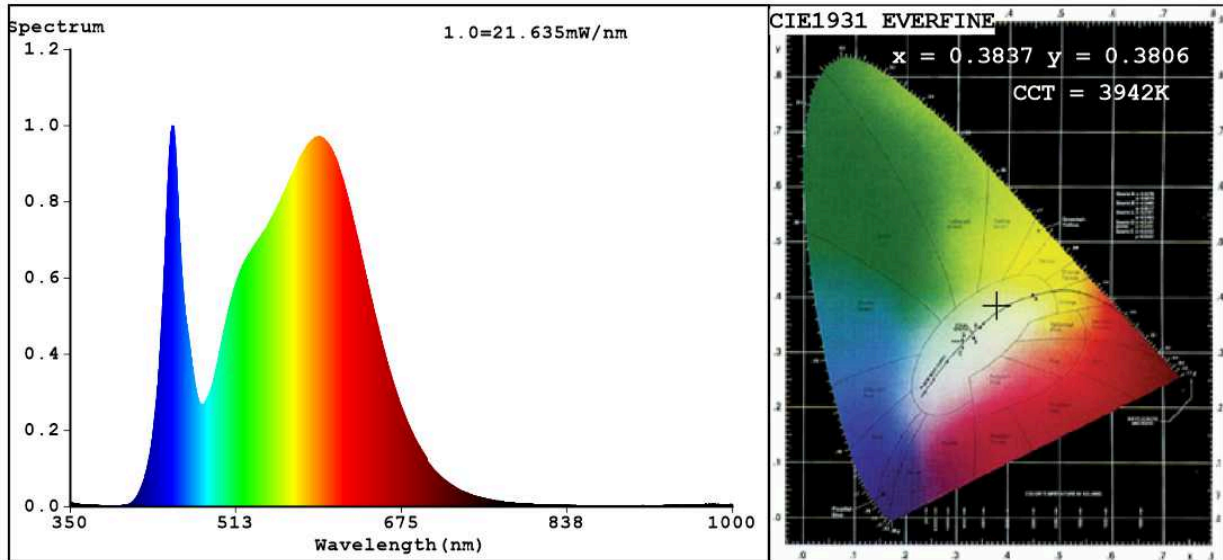
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 200 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	4 000
On-mode power (P_{on}), expressed in W	11,9	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	82
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)	Yes	If yes, equivalent power (W)	85	
		Chromaticity coordinates (x and y)	0,383 0,380	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	6	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	5	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	Yes ^(b)	If yes then replacement claim (W)	80	
Flicker metric (Pst LM)	0,6	Stroboscopic effect metric (SVM)	0,3	

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3837$ $y=0.3806$ / $u'=0.2257$ $v'=0.5037$

CCT=3942K (Duv=0.0009) Dominant WL: $\lambda_d = 578.8nm$ Purity=29.4%

Ratio: R=18.4% G=78.2% B=3.5%; Peak WL: $\lambda_p = 449.9nm$ FWHM=23.0nm

Render Index: Ra=82.5

R1 =81 R2 =89 R3 =95 R4 =82 R5 =81 R6 =84 R7 =86
R8 =64 R9 =6 R10=73 R11=80 R12=62 R13=82 R14=97 R15=74

Photo Parameters:

Flux = 1201 lm Eff. : 100.32 lm/W Fe = 3.641 W

Electrical parameters:

V = 229.95 V I = 0.09558 A P = 11.97 W PF = 0.5446

WHITE: ANSI_4000K

Status: Integral T = 43 ms Ip = 45923 (70%)

Model: LED GLOBE/15W
Tester: Petya Marinova
Temperature: 25.3Deg
Manufacturer: ELMARK

Number: 99LED694
Date: 2018-04-11 16:16
Humidity: 65.0%
Remarks: 27Q39118004_4403