

# 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:** 99214360

## Type of light source:

Lighting technology used:	CFLni	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	GU10		
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

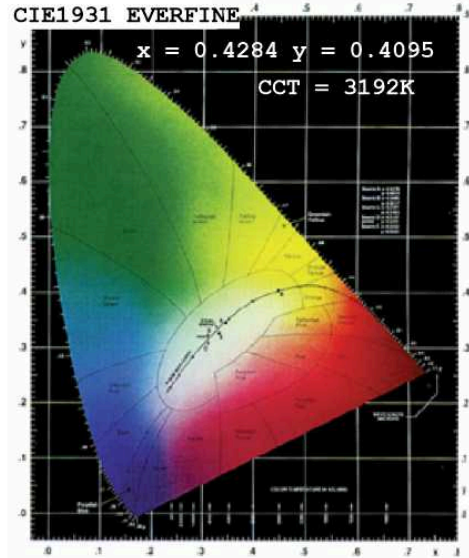
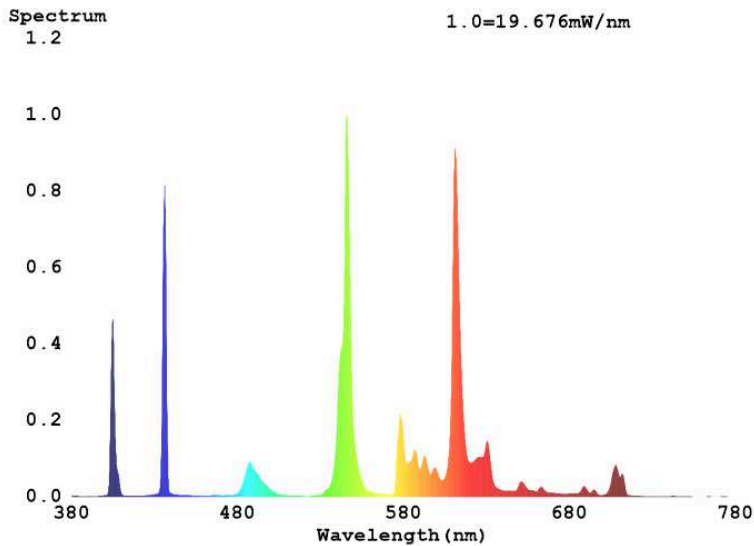
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	11	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	3 000
On-mode power ( $P_{on}$ ), expressed in W	6,8	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	74
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 <sup>(a)</sup>	Yes	If yes, equivalent power (W)	20
		Chromaticity coordinates (x and y)	0,428 0,402

(a) : not applicable;

(b) : not applicable;

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate: x=0.4284 y=0.4095/u'=0.2428 v'=0.5222

CCT=3192K(Duv=0.0035) Dominant WL:Ld =580.8nm Purity=51.5%

Ratio:R=27.0% G=70.8% B=2.2%; Peak WL:Lp=545.4nm FWHM=4.4nm

Render Index:Ra=74.1

R1 =91	R2 =86	R3 =44	R4 =81	R5 =78	R6 =67	R7 =82	
R8 =65	R9 =0	R10=31	R11=66	R12=26	R13=93	R14=63	R15=87

**Photo Parameters:**

Flux = 161.1 lm Eff. : 23.46 lm/W Fe = 453.7 mW

**Electrical parameters:**

V = 229.78 V I = 0.05072 A P = 6.865 W PF = 0.5891

WHITE:ANSI\_3000K

Status: Integral T = 22 ms Ip = 51806 (79%)

Model:GU10  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:Elmark

Number:99214360  
Date:2014-01-27 16:36  
Humidity:65.0%  
Remarks:partida