

# 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:** 99215351

## Type of light source:

Lighting technology used:	CFLni	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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

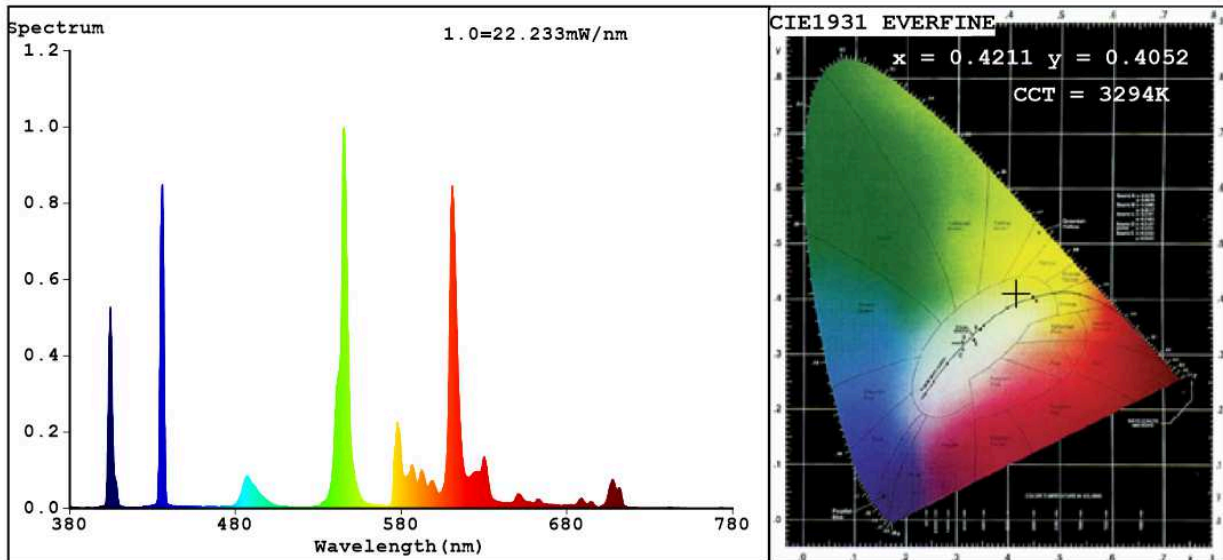
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	220 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	2 700
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	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 <sup>(a)</sup>	Yes	If yes, equivalent power (W)	20
		Chromaticity coordinates (x and y)	0,421 0,405

(a) : not applicable;

(b) : not applicable;

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4211$   $y=0.4052$  /  $u'=0.2399$   $v'=0.5195$

CCT=3294K (Duv=0.0030) Dominant WL:  $\lambda_d = 580.5\text{nm}$  Purity=48.0%

Ratio: R=26.2% G=71.6% B=2.2%; Peak WL:  $\lambda_p = 545.4\text{nm}$  FWHM=4.3nm

Render Index: Ra=72.7

R1 =89	R2 =84	R3 =43	R4 =79	R5 =76	R6 =65	R7 =80	
R8 =65	R9 =0	R10=27	R11=65	R12=24	R13=91	R14=62	R15=86

**Photo Parameters:**

Flux = 173.3 lm Eff. : 25.18 lm/W Fe = 493.0 mW

**Electrical parameters:**

V = 229.75 V I = 0.05098 A P = 6.881 W PF = 0.5876

WHITE: ANSI\_3500K

Status: Integral T = 19 ms Ip = 50571 (77%)

Model: R50  
Tester: Petya Marinova  
Temperature: 25.3Deg  
Manufacturer: Elmark

Number: 99215351  
Date: 2014-01-27 13:32  
Humidity: 65.0%  
Remarks: partida