

# 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:** 99200028

**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

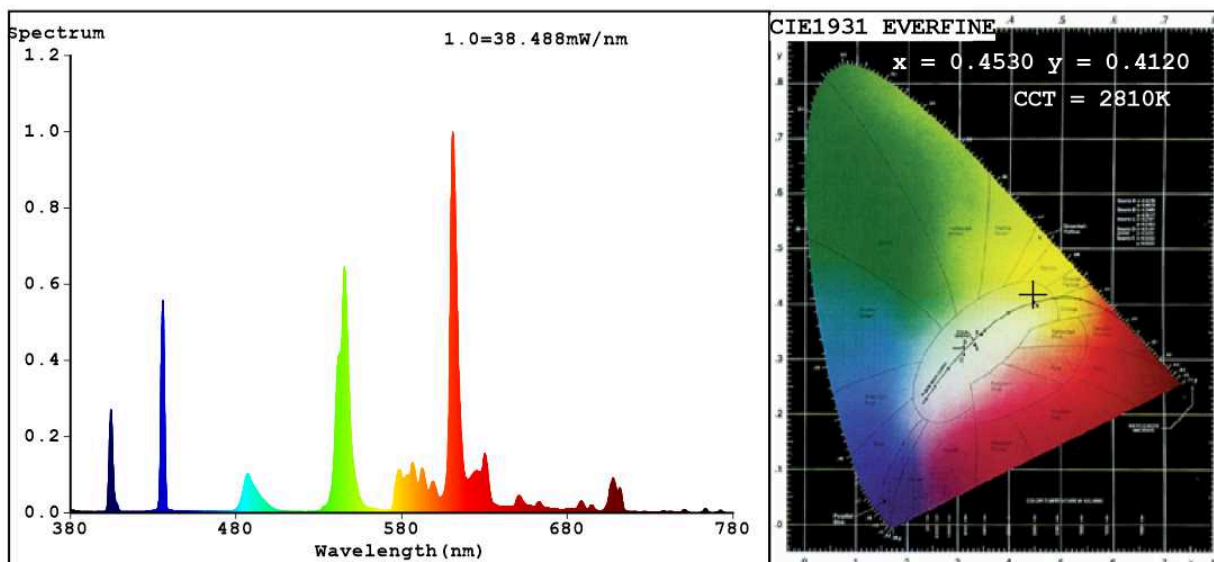
## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	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°)	250 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	5,3	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 <sup>(a)</sup>	Yes	If yes, equivalent power (W)	25	
		Chromaticity coordinates (x and y)	0,453 0,412	

(a) : not applicable;

(b) : not applicable;

**Spectrum Test Report****Color Parameters:**Chromaticity Coordinate:  $x=0.4530$   $y=0.4120$  /  $u'=0.2574$   $v'=0.5269$ 

CCT=2810K(Duv=0.0012) Dominant WL:Ld =583.3nm Purity=59.6%

Ratio:R=31.2% G=66.4% B=2.4%; Peak WL:Lp=610.8nm FWHM=4.7nm

Render Index:Ra=81.4

R1 =98	R2 =94	R3 =51	R4 =88	R5 =87	R6 =82	R7 =87	
R8 =65	R9 =0	R10=50	R11=78	R12=44	R13=95	R14=66	R15=92

**Photo Parameters:**

Flux = 285.0 lm Eff. : 53.27 lm/W Fe = 806.5 mW

**Electrical parameters:**

V = 229.84 V I = 0.03930 A P = 5.350 W PF = 0.5922

WHITE:ANSI\_2700K

Status: Integral T = 13 ms Ip = 52155 (80%)

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Model:2U / T3  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:Elmark

Number:99200028  
Date:2014-01-27 14:05  
Humidity:65.0%  
Remarks:partida