

# 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:** 9918357

**Type of light source:**

Lighting technology used:	CFLni	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

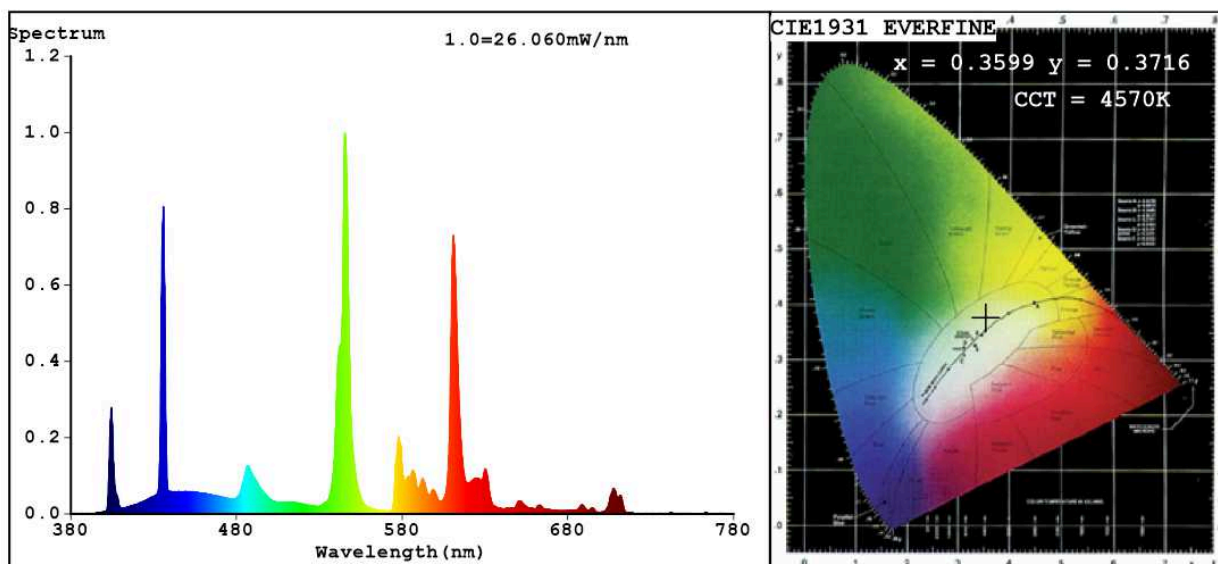
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a 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	4 000
On-mode power ( $P_{on}$ ), expressed in W	5,7	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	77
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)	0,359 0,371	

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3599$   $y=0.3716$   $u'=0.2136$   $v'=0.4963$

$CCT=4570K$  ( $Duv=0.0042$ ) Dominant WL:  $Ld = 573.7nm$  Purity=19.5%

Ratio:  $R=21.1\%$   $G=74.8\%$   $B=4.1\%$ ; Peak WL:  $Lp=545.4nm$  FWHM=4.7nm

Render Index:  $Ra=77.2$

R1 =91	R2 =85	R3 =49	R4 =83	R5 =81	R6 =70	R7 =83
R8 =76	R9 =15	R10=34	R11=69	R12=45	R13=91	R14=67
						R15=92

### Photo Parameters:

Flux = 216.9 lm Eff. : 37.41 lm/W Fe = 647.4 mW

### Electrical parameters:

V = 229.83 V I = 0.04425 A P = 5.799 W PF = 0.5703

WHITE: ANSI\_4500K

Status: Integral T = 16 ms Ip = 49898 (76%)

Model: G45  
Tester: Petya Marinova  
Temperature: 25.3Deg  
Manufacturer: Elmark

Number: 9918357  
Date: 2014-01-23 16:14  
Humidity: 65.0%  
Remarks: partida