

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: 99210144

Type of light source:

Lighting technology used:	CFLni	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E17		
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

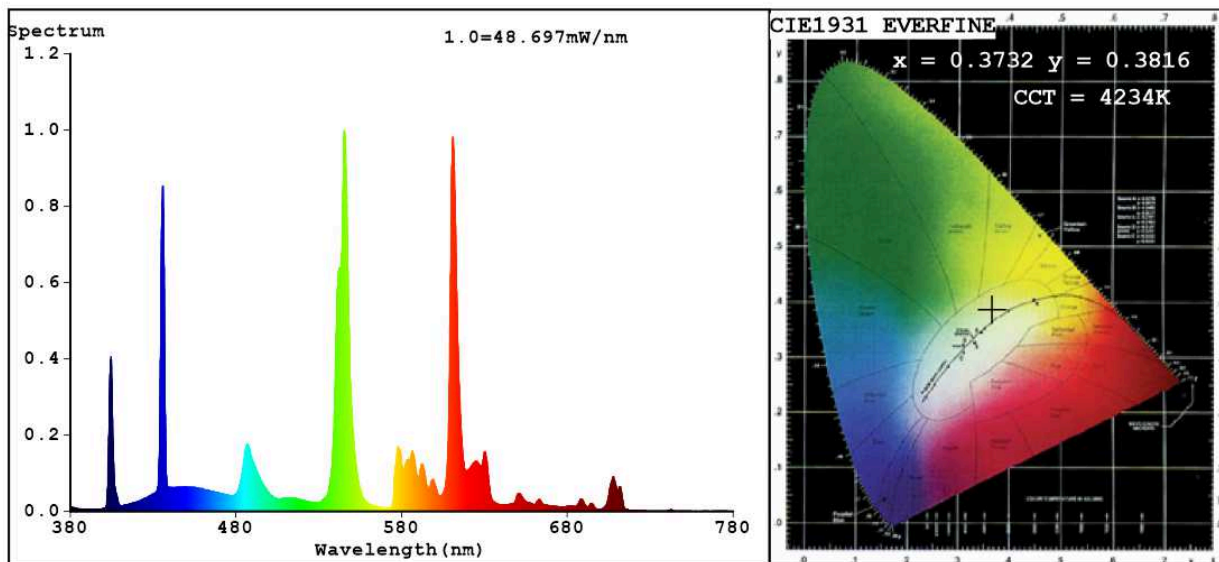
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	480 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	8,3	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	80
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)	40	
		Chromaticity coordinates (x and y)	0,373 0,381	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3732$ $y=0.3816$ $u'=0.2185$ $v'=0.5026$

$CCT=4234K$ ($Duv=0.0045$) Dominant WL: $Ld = 575.7nm$ Purity=26.5%

Ratio: $R=22.7\%$ $G=73.2\%$ $B=4.1\%$; Peak WL: $Lp=545.4nm$ FWHM=4.6nm

Render Index: $Ra=80.4$

R1 =96	R2 =89	R3 =50	R4 =86	R5 =85	R6 =74	R7 =86
R8 =79	R9 =21	R10=41	R11=74	R12=49	R13=95	R14=67
						R15=95

Photo Parameters:

Flux = 497.9 lm Eff. : 59.90 lm/W $Fe = 1.481 W$

Electrical parameters:

$V = 229.85 V$ $I = 0.06131 A$ $P = 8.312 W$ $PF = 0.5899$

WHITE: ANSI_4000K

Status: Integral T = 9 ms $I_p = 52472 (80\%)$

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

Number: 99210144
Date: 2014-01-23 15:57
Humidity: 65.0%
Remarks: partida