

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: 99214359

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

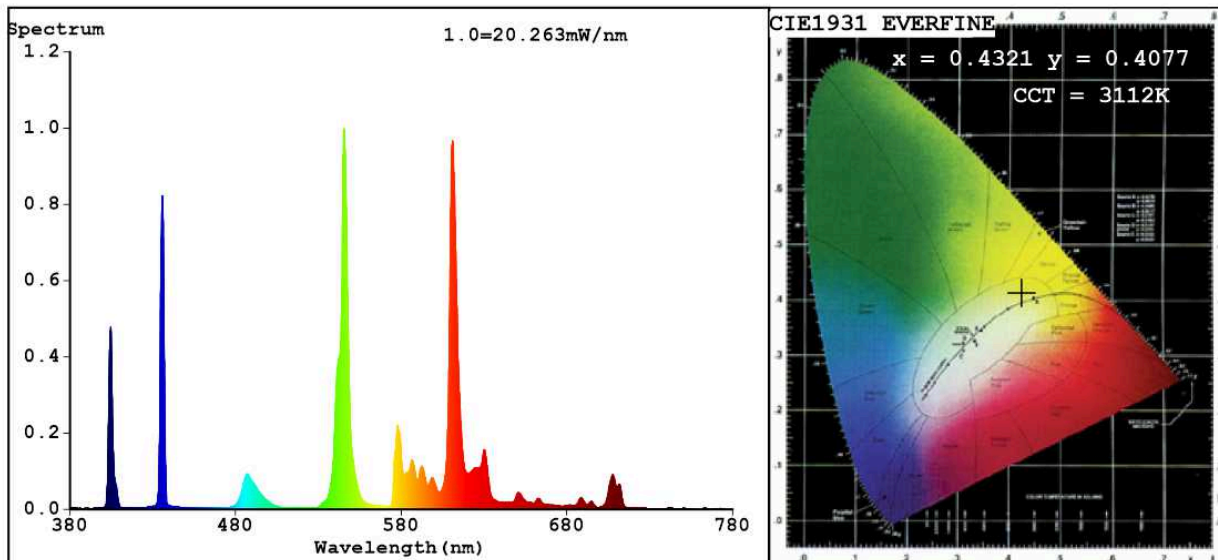
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	7,0	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	75
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)	30
		Chromaticity coordinates (x and y)	0,423 0,407

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4321$ $y=0.4077$ / $u'=0.2459$ $v'=0.5221$

CCT=3112K (Duv=0.0022) Dominant WL: $\lambda_d = 581.6$ nm Purity=52.1%

Ratio: R=27.8% G=70.1% B=2.2%; Peak WL: $\lambda_p = 545.4$ nm FWHM=4.8nm

Render Index: Ra=75.3

R1 =92	R2 =87	R3 =45	R4 =82	R5 =79	R6 =69	R7 =82	
R8 =65	R9 =0	R10=34	R11=68	R12=28	R13=94	R14=63	R15=88

Photo Parameters:

Flux = 170.1 lm Eff. : 24.01 lm/W Fe = 483.0 mW

Electrical parameters:

V = 229.78 V I = 0.05237 A P = 7.086 W PF = 0.5889

WHITE: ANSI_3000K

Status: Integral T = 22 ms Ip = 53355 (81%)

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

Number: 99214359
Date: 2014-01-27 16:54
Humidity: 65.0%
Remarks: partida