

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: 99200030

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

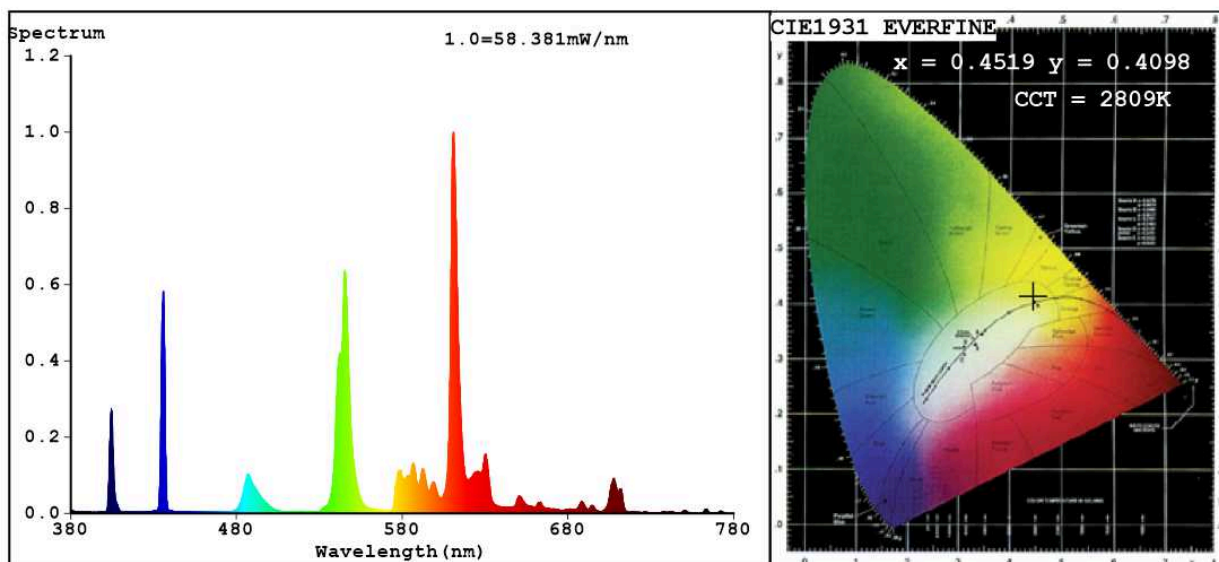
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	430 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	7,9	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 ^(a)	Yes	If yes, equivalent power (W)	40	
		Chromaticity coordinates (x and y)	0,451 0,409	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4519$ $y=0.4098$ $u'=0.2577$ $v'=0.5258$

$CCT=2809K$ ($Duv=0.0004$) Dominant WL: $\lambda_d = 583.5nm$ Purity=58.7%

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

Render Index: $Ra=81.4$

R1 =98	R2 =95	R3 =51	R4 =87	R5 =87	R6 =82	R7 =87
R8 =64	R9 =0	R10=50	R11=78	R12=44	R13=95	R14=66 R15=92

Photo Parameters:

Flux = 430.3 lm Eff. : 54.33 lm/W $\eta_e = 1.222$ W

Electrical parameters:

$V = 229.77$ V $I = 0.05819$ A $P = 7.921$ W $PF = 0.5925$

WHITE: ANSI_2700K

Status: Integral T = 8 ms $I_p = 48663$ (74%)

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

Number: 99200030
Date: 2014-01-27 16:20
Humidity: 65.0%
Remarks: partida