

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: 99220384

Type of light source:

Lighting technology used:	other FL	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G5		
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

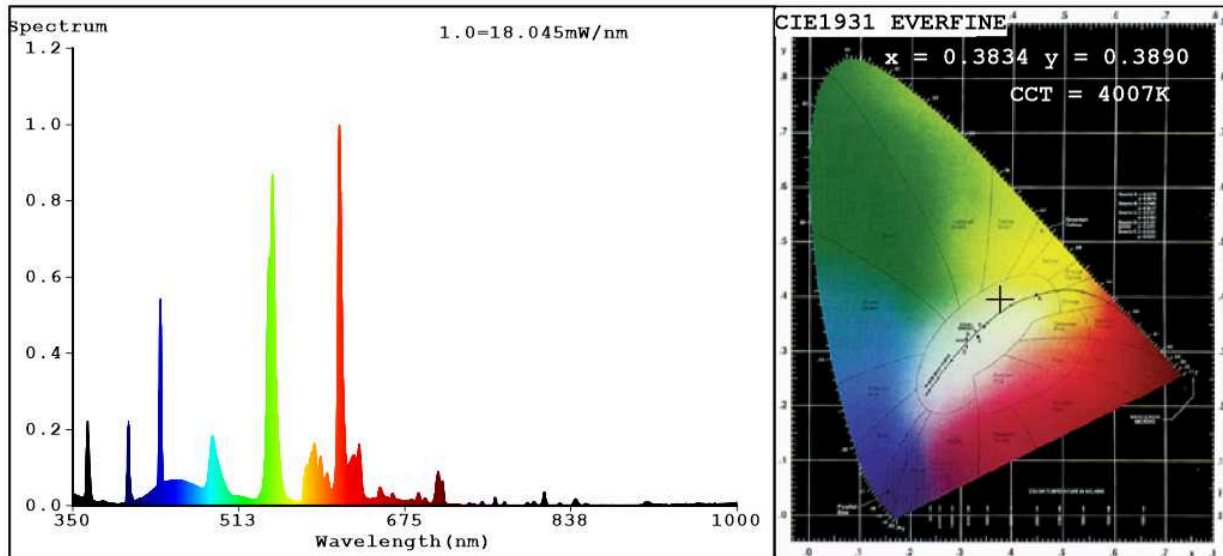
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	180 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	5,3	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	83
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)	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,383 0,389

(a) - : not applicable;

(b) - : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3834$ $y=0.3890$ / $u'=0.2222$ $v'=0.5073$

$CCT=4007K$ ($Duv=0.0048$) Dominant WL: $L_d = 576.8nm$ Purity=31.8%

Ratio: $R=24.0\%$ $G=71.7\%$ $B=4.3\%$; Peak WL: $L_p=610.8nm$ FWHM=4.6nm

Render Index: $R_a=83.7$

$R_1 = 98$ $R_2 = 93$ $R_3 = 52$ $R_4 = 90$ $R_5 = 88$ $R_6 = 79$ $R_7 = 90$

$R_8 = 80$ $R_9 = 25$ $R_{10}=48$ $R_{11}=75$ $R_{12}=53$ $R_{13}=96$ $R_{14}=68$ $R_{15}=98$

Photo Parameters:

Flux = 177.1 lm Eff. : 33.29 lm/W Fe = 551.9 mW

Electrical parameters:

$V = 32.521 V$ $I = 0.1798 A$ $P = 5.319 W$ PF = 0.9096

WHITE: ANSI_4000K

Status: Integral T = 28 ms Ip = 49832 (76%)

Model: EST - T5
Tester: Petya Marinova
Temperature: 25.3Deg
Manufacturer: Elmark

Number: 99220384
Date: 2014-03-14 11:43
Humidity: 65.0%
Remarks: partida