

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: 99220383

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

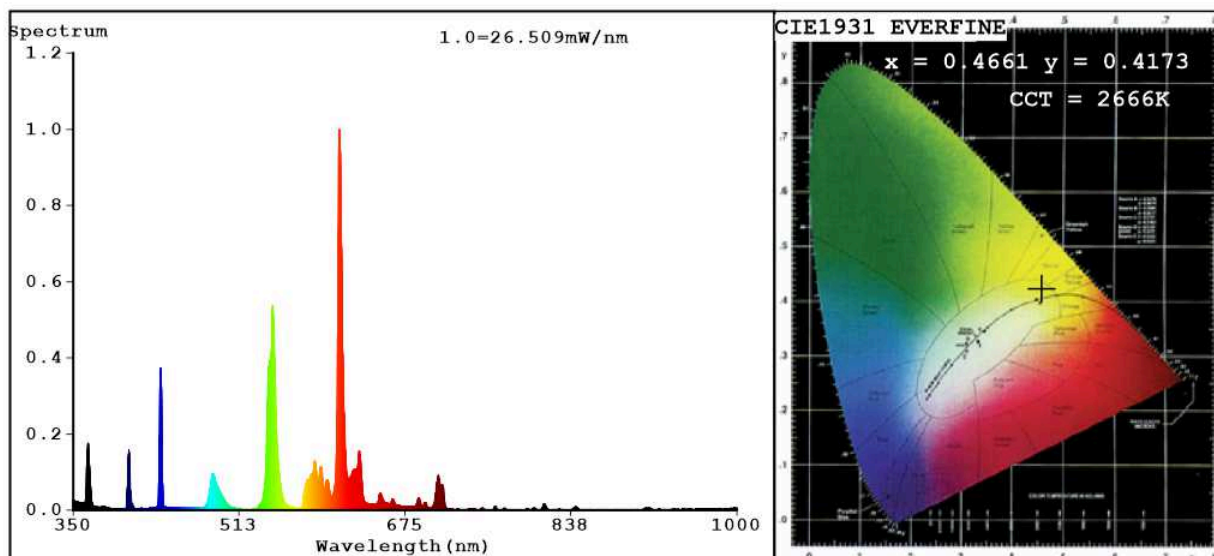
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	2 700
On-mode power (P_{on}), expressed in W	4,7	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	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)	0,466 0,417

(a) - : not applicable;

(b) - : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4661$ $y=0.4173$ $u'=0.2635$ $v'=0.5308$

CCT=2666K (Duv=0.0019) Dominant WL: $\lambda_d = 583.8\text{nm}$ Purity=65.2%

Ratio: R=33.0% G=64.5% B=2.5%; Peak WL: $\lambda_p = 610.8\text{nm}$ FWHM=4.6nm

Render Index: $R_a = 83.7$

R1 =96 R2 =98 R3 =53 R4 =91 R5 =91 R6 =88 R7 =89

R8 =63 R9 =0 R10=57 R11=84 R12=53 R13=91 R14=67 R15=93

Photo Parameters:

Flux = 180.6 lm Eff. : 38.28 lm/W $P_e = 543.3\text{ mW}$

Electrical parameters:

V = 28.834 V I = 0.1807 A P = 4.718 W PF = 0.9056

WHITE: ANSI_2700K

Status: Integral T = 20 ms $I_p = 52289$ (80%)

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

Number: 99220383
Date: 2014-03-14 11:52
Humidity: 65.0%
Remarks: partida