

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: 99220385

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

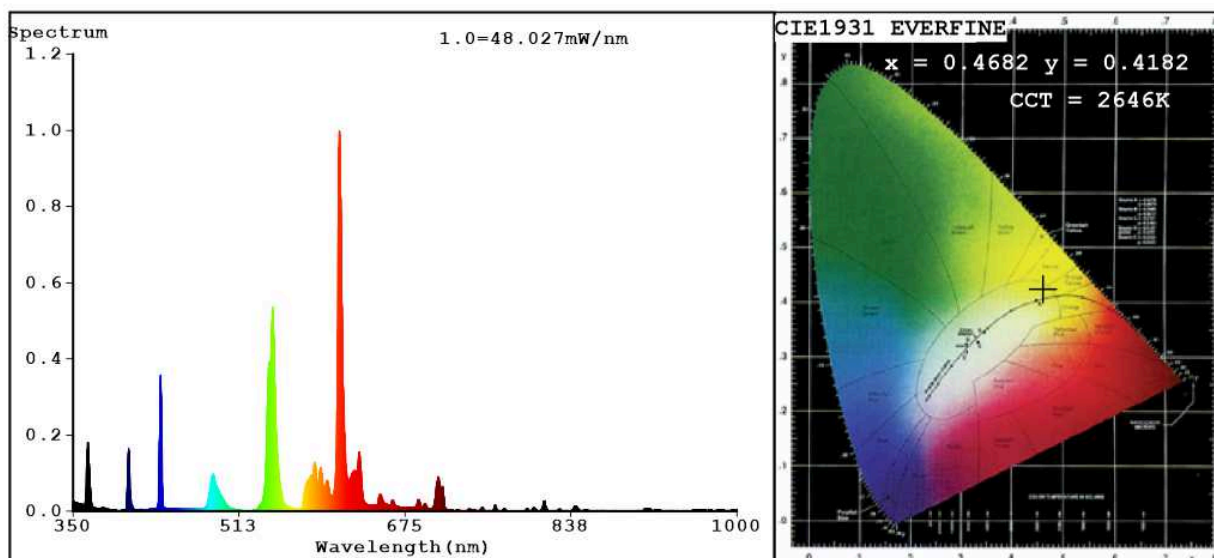
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	350 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	7,5	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)	0,468 0,418

(a) - : not applicable;

(b) - : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4682$ $y=0.4182$ $u'=0.2644$ $v'=0.5315$

$CCT=2646K$ ($Duv=0.0021$) Dominant WL: $Ld = 583.8nm$ Purity=66.1%

Ratio: $R=33.2\%$ $G=64.3\%$ $B=2.5\%$; Peak WL: $Lp=610.8nm$ FWHM=4.6nm

Render Index: $Ra=83.6$

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

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

Photo Parameters:

Flux = 326.5 lm Eff. : 43.30 lm/W Fe = 986.0 mW

Electrical parameters:

$V = 48.238 V$ $I = 0.1748 A$ $P = 7.539 W$ $PF = 0.8944$

WHITE: ANSI_2700K

Status: Integral T = 11 ms $I_p = 52113 (80\%)$

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

Number: 99220385
Date: 2014-03-14 10:13
Humidity: 65.0%
Remarks: partida