

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: 93FTL25CW/BL

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated LED COB		
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

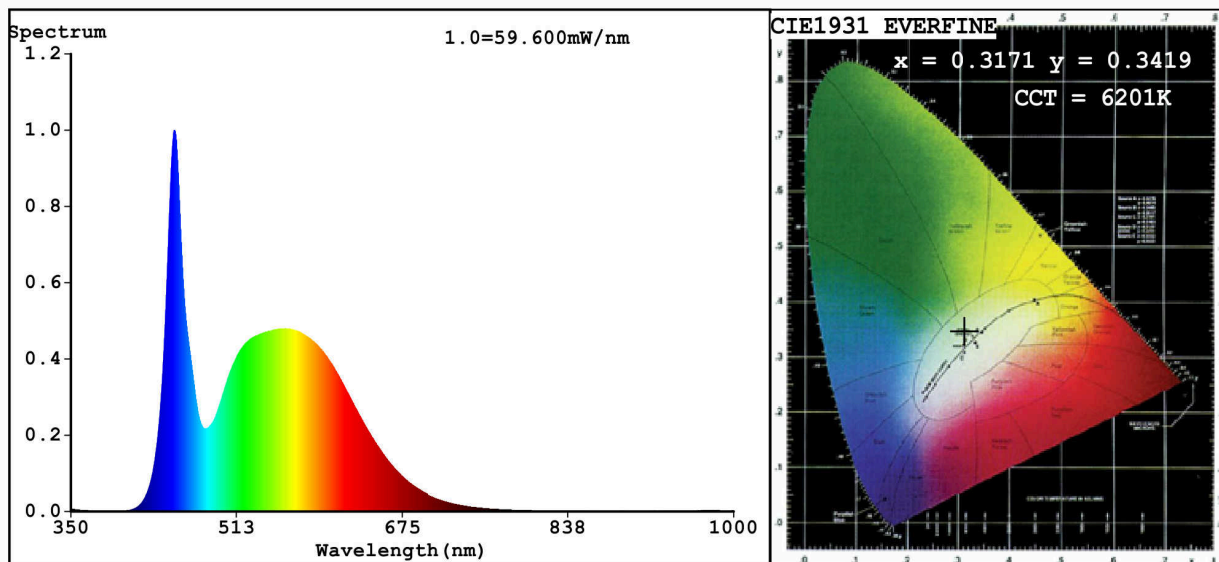
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	25	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 829 in Narrow cone (90°)	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	6 000
On-mode power (P_{on}), expressed in W	25,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,03
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	80
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)	0,317 0,341	
Parameters for directional light sources:				
Peak luminous intensity (cd)	451	Beam angle in degrees, or the range of beam angles that can be set	38	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	3	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) - : not applicable;

(b) - : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3171$ $y=0.3419$ $u'=0.1961$ $v'=0.4757$

$CCT=6201K$ ($Duv=0.0075$) Dominant WL: $Ld = 498.6nm$ Purity=5.0%

Ratio: $R=13.0\%$ $G=81.7\%$ $B=5.2\%$; Peak WL: $Lp=451.6nm$ FWHM=20.5nm

Render Index: $Ra=80.3$

R1 =77	R2 =85	R3 =91	R4 =79	R5 =78	R6 =80	R7 =87
R8 =65	R9 =0	R10=65	R11=77	R12=53	R13=79	R14=95
						R15=71

Photo Parameters:

Flux = 1829 lm Eff. : 76.88 lm/W Fe = 5.738 W

Electrical parameters:

V = 229.83 V I = 0.1074 A P = 23.79 W PF = 0.9640

WHITE:ANSI_6500K

Status: Integral T = 10 ms Ip = 33265 (51%)

Model:SKY FTL/25W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:93FTL25CW/WH
Date:2018-11-14 10:43
Humidity:65.0%
Remarks:VSUN20180706_5051