

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: 98STREET250SMD

Type of light source:

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

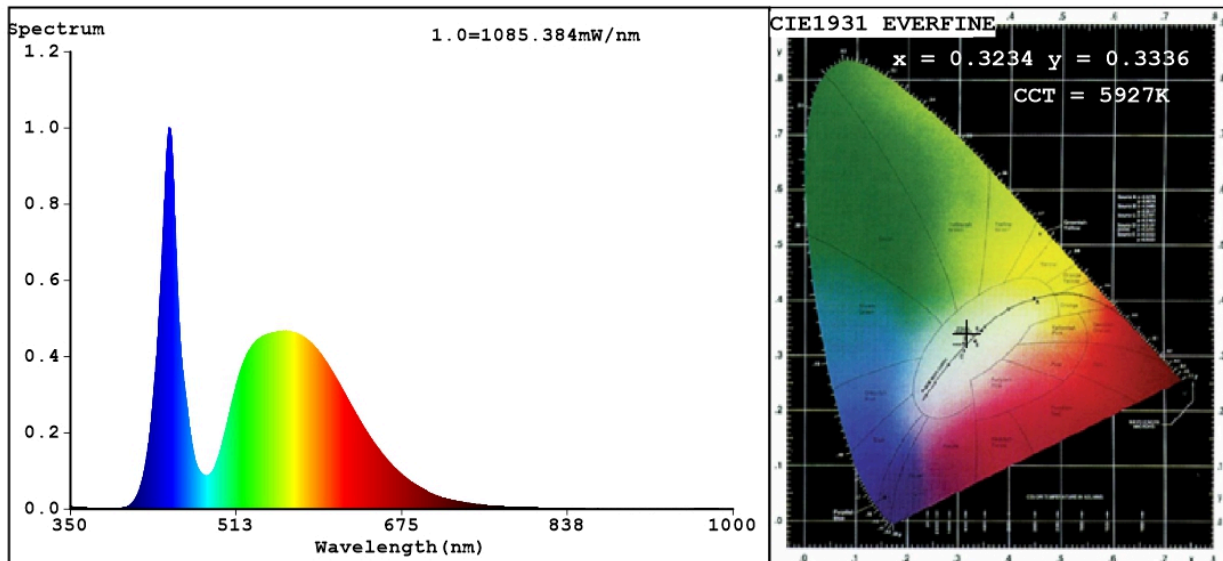
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	250	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	30 000 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	6 000
On-mode power (P_{on}), expressed in W	250,0	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	73
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)	0,323 0,336	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,53	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	5	
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)	0,6	Stroboscopic effect metric (SVM)	0,3	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3234$ $y=0.3336$ $u'=0.2036$ $v'=0.4723$
 CCT=5927K (Duv=0.0003) Dominant WL: $L_d = 0.0\text{nm}$ WL: $L_c = \text{--nm}$ Purity=0.7%
 Ratio: R=13.2% G=83.3% B=3.5%; Peak WL: $L_p = 447.2\text{nm}$ FWHM=19.5nm
 Render Index: $R_a = 73.2$

R1 =73	R2 =76	R3 =77	R4 =75	R5 =74	R6 =68	R7 =80
R8 =63	R9 =0	R10=42	R11=74	R12=44	R13=72	R14=87
						R15=69

Photo Parameters:

Flux = 30739 lm Eff. : 122.73 lm/W Fe = 96.11 W

Electrical parameters:

V = 229.67 V I = 1.111 A P = 250.5 W PF = 0.9818

WHITE: ANSI_5700K

Status: Integral T = 1 ms Ip = 44503 (68%)

Model: STREET 250/250W
 Tester: Petya Marinova
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 98STREET250SMD
 Date: 2019-08-02 13:54:56
 Humidity: 65.0%
 Remarks: 019V007A_5764