

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: 98STREET200SMD

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

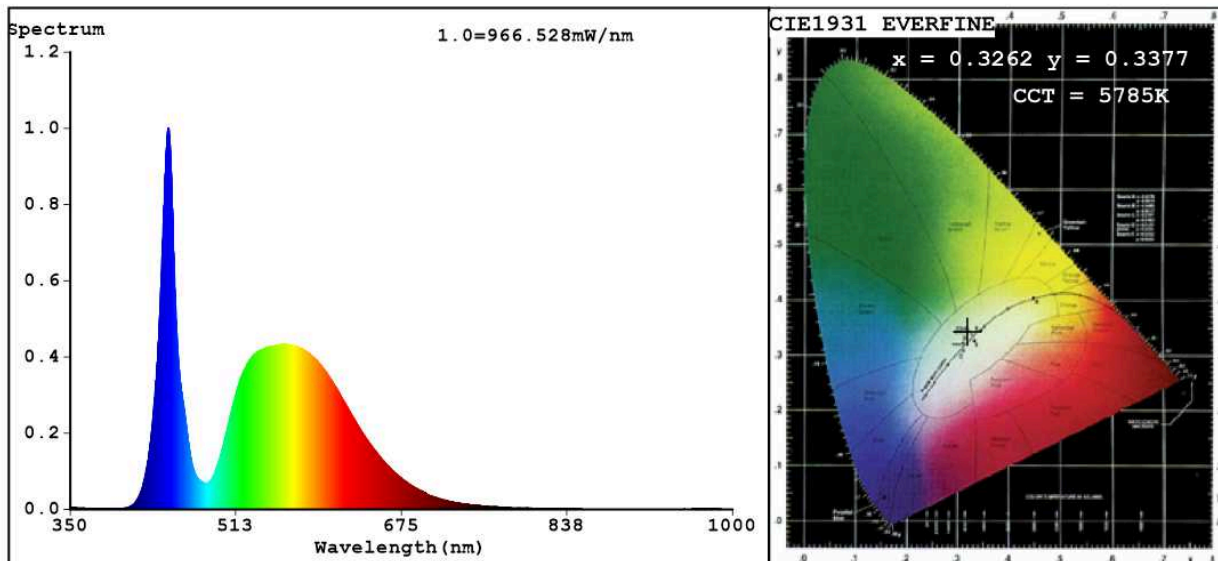
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	200	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	25 000 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	5 500
On-mode power (P_{on}), expressed in W	205,0	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	72
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)	0,326 0,337	
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	0	
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: $x=0.3262$ $y=0.3377$ / $u'=0.2039$ $v'=0.4749$
 CCT=5785K (Duv=0.0011) Dominant WL: $\lambda_d = 499.7\text{nm}$ WL: $\lambda_c = \text{--nm}$ Purity=2.2%
 Ratio: R=13.3% G=83.5% B=3.2%; Peak WL: $\lambda_p = 446.5\text{nm}$ FWHM=16.5nm
 Render Index: $R_a = 72.2$

R1 =72	R2 =75	R3 =76	R4 =74	R5 =73	R6 =67	R7 =79
R8 =62	R9 =0	R10=40	R11=74	R12=43	R13=71	R14=87
						R15=67

Photo Parameters:

Flux = 25412 lm Eff. : 123.91 lm/W $\Phi_e = 78.30\text{ W}$

Electrical parameters:

V = 219.72 V I = 0.9507 A P = 205.1 W PF = 0.9819

WHITE: ANSI_5700K

Status: Integral T = 1 ms $I_p = 37944$ (58%)

Model: LED INDUSTRIAL LIGHTING
 Tester: Atanas DAKOV
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 98STREET200SMD
 Date: 2020-10-27 14:56:17
 Humidity: 65.0%
 Remarks: 6855