

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: 98PRAGUE30SMD

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

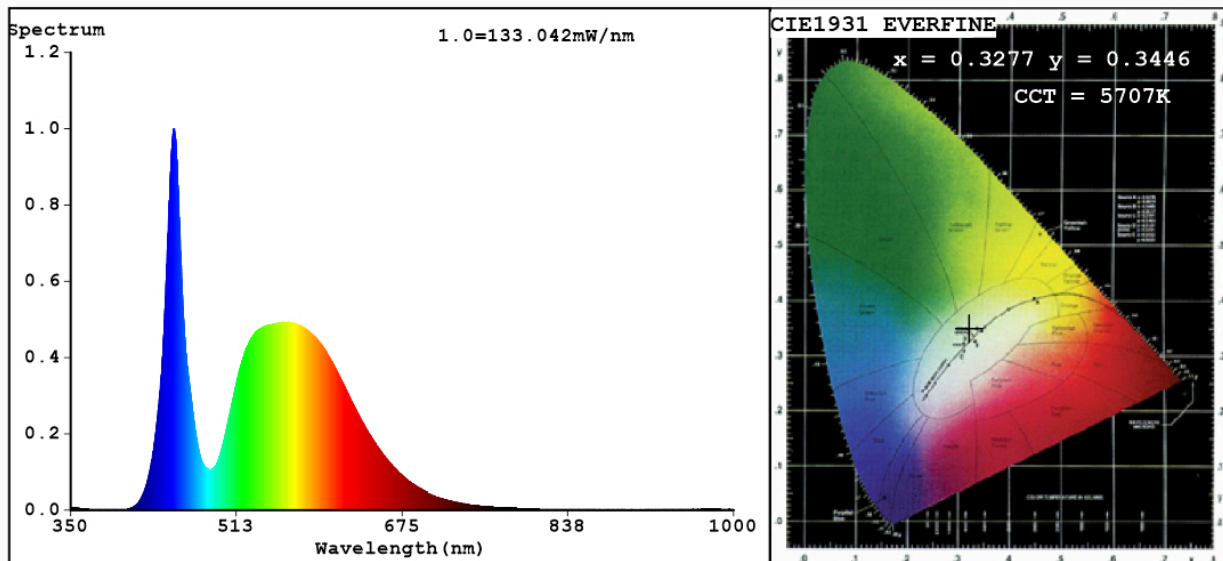
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	30	Energy efficiency class	C
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 200 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	5 700
On-mode power (P_{on}), expressed in W	29,0	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	74
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,327 0,344	
Parameters for directional light sources:				
Peak luminous intensity (cd)	3 093	Beam angle in degrees, or the range of beam angles that can be set	105	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,50	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	4	
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: $x=0.3277$ $y=0.3446$ $u'=0.2023$ $v'=0.4786$
 CCT=5707K (Duv=0.0039) Dominant WL: $L_d = 521.0\text{nm}$ WL: $L_c = \text{--nm}$ Purity=2.3%
 Ratio: R=13.2% G=83.0% B=3.7% Peak WL: $L_p = 451.6\text{nm}$ FWHM=18.8nm
 Render Index: $R_a = 74.0$ AvgR=65.4 TM30: $R_f = 76$ $R_g = 93$ $L_{av} = 548.0\text{nm}$

R1 =72	R2 =78	R3 =82	R4 =74	R5 =72	R6 =70	R7 =83
R8 =60	R9 =0	R10=47	R11=71	R12=41	R13=73	R14=90
						R15=67

Photo Parameters:

Flux = 3993 lm Eff. : 128.10 lm/W $\Phi_e = 12.14\text{ W}$

Electrical parameters:

V = 230.13 V I = 0.2346 A P = 31.17 W PF = 0.5775

WHITE: ANSI_5700K

Status: Integral T = 9 ms $I_p = 49741$ (76%)

Model: LED STREET LITHG
 Tester: Atanas DAKOV
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 98PRAGUE30SMD
 Date: 2022-04-12 14:03:55
 Humidity: 65.0%
 Remarks: MOSTRA

Model placed on the Union market from 20/11/2024.



EPREL registration number: 1228013

<https://eprel.ec.europa.eu/qr/1228013>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

Name: ELMARK INDUSTRIES SC

Website: www.elmarkholding.eu

Email: eelabels@elmarkholding.eu

Phone: +35952575545

Address:

bul.Dobrudja 2
9300 Dobrich
Bulgaria