

# 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:** 98PRAGUE50SMD

## 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

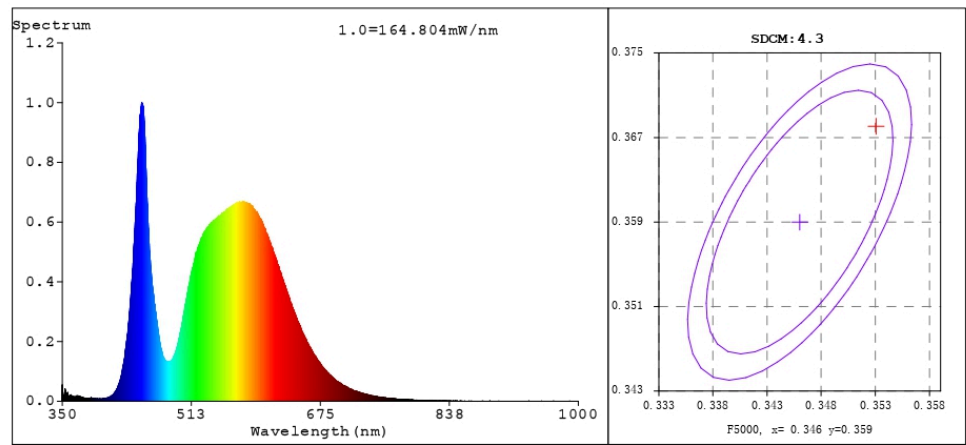
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	C
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	7 010 in Wide cone (120°)	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	4 777
On-mode power ( $P_{on}$ ), expressed in W	51,0	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 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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,353 0,367	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	3 088	Beam angle in degrees, or the range of beam angles that can be set	107	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	0	Survival factor	0,50	
the lumen maintenance factor	0,95			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,92	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=0.3531 y=0.3678/u'=0.2105 v'=0.4935  
CCT=4777K(Duv=0.0049) Dominant WL:Ld =571.5nm WL:Lc = --nm Purity=16.3%  
Ratio:R=14.7% G=82.2% B=3.1% Peak WL:Lp=450.3nm FWHM=19.8nm  
Render Index:Ra=73.5 AvgR=49.5

R1 =70 R2 =79 R3 =85 R4 =73 R5 =70 R6 =70 R7 =83  
R8 =56 R9 =0 R10=50 R11=69 R12=41 R13=72 R14=92 R15=64

Photo Parameters:

Flux = 6586 lm Eff. : 128.87 lm/W Fe = 19.28 W  
Scotopic:11507 S/P:1.7472

Electrical parameters:

V = 218.71 V I = 0.2525 A P = 51.11 W PF = 0.9255

Status: Integral T = 134 ms Ip = 35198 (54%)

GBT5702

Model:CE1010E  
Tester:  
Temperature:25.3Deg  
Manufacturer:

Number:220V银边罩暖1  
Date:2024-07-19 10:08:29  
Humidity:65.0%  
Remarks:

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



**EPREL registration number:** 1228027

<https://eprel.ec.europa.eu/qr/1228027>

**Supplier:** ELMARK INDUSTRIES SC (Importer)

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