

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: 98PRAGUE150SMD

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

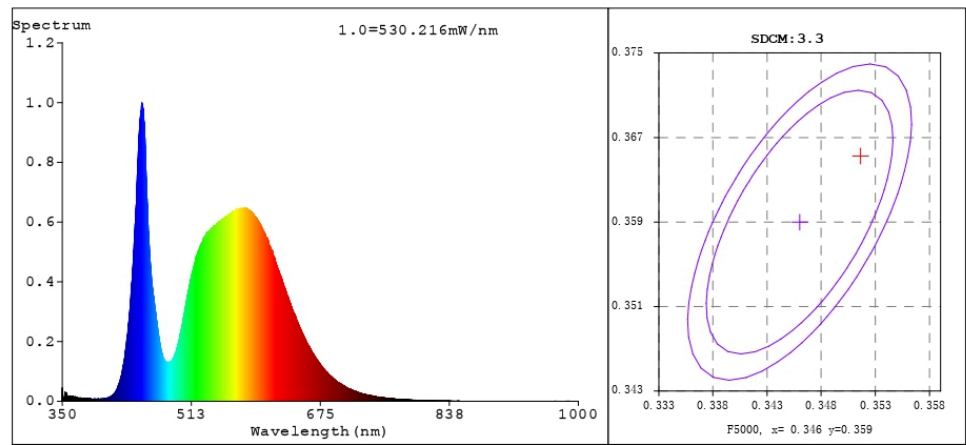
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	150	Energy efficiency class	C
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	20 559 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	4 813
On-mode power (P_{on}), expressed in W	148,4	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)	0,351 0,365	
Parameters for directional light sources:				
Peak luminous intensity (cd)	8 593	Beam angle in degrees, or the range of beam angles that can be set	119	
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)	0,95	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=0.3516 y=0.3651/u'=0.2106 v'=0.4921
CCT=4813K(Duv=0.0041) Dominant WL:Ld =571.5nm WL:Lc = --nm Purity=15.1%
Ratio:R=14.7% G=82.1% B=3.2% Peak WL:Lp=450.3nm FWHM=19.8nm
Render Index:Ra=74.0 AvgR=50.3

R1 =71 R2 =79 R3 =85 R4 =74 R5 =71 R6 =71 R7 =84
R8 =57 R9 =0 R10=50 R11=70 R12=41 R13=72 R14=92 R15=65

Photo Parameters:

Flux = 20559 lm Eff. : 138.57 lm/W Fe = 60.55 W
Scotopic:36199 S/P:1.7607

Electrical parameters:

V = 218.66 V I = 0.7132 A P = 148.4 W PF = 0.9513

Status: Integral T = 67 ms Ip = 54744 (84%)

GBT5702

Model:CE1010E
Tester:
Temperature:25.3Deg
Manufacturer:

Number:220V银边罩暖3
Date:2024-07-19 10:12:12
Humidity:65.0%
Remarks:

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



EPREL registration number: 1228062

<https://eprel.ec.europa.eu/qr/1228062>

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