

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: 98PRAGUE100SMD

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

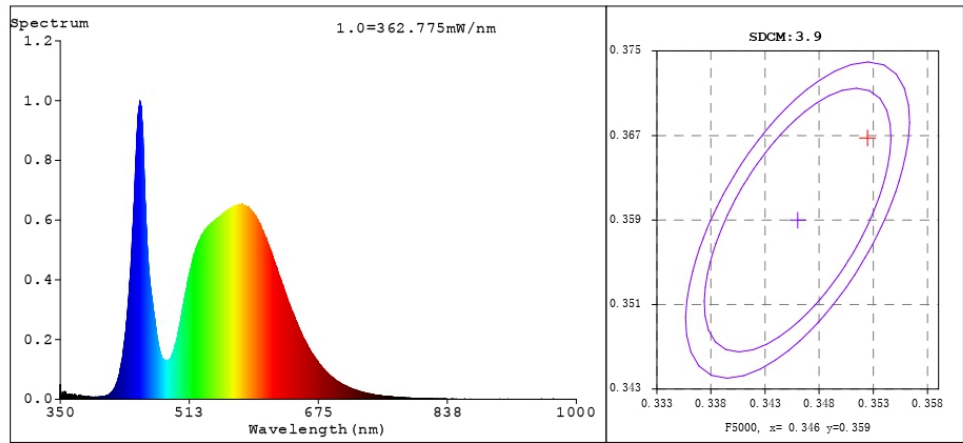
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	100	Energy efficiency class	C
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	14 151 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	4 800
On-mode power (P_{on}), expressed in W	104,0	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)	0,352 0,366	
Parameters for directional light sources:				
Peak luminous intensity (cd)	6 045	Beam angle in degrees, or the range of beam angles that can be set	117	
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)	0,93	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: $x=0.3524$ $y=0.3666$ $u'=0.2106$ $v'=0.4929$
CCT=4793K (Duv=0.0045) Dominant WL:Ld =571.5nm WL:Lc = --nm Purity=15.8%
Ratio:R=14.7% G=82.2% B=3.1% Peak WL:Lp=450.3nm FWHM=19.6nm
Render Index:Ra=73.7 AvgR=49.8

R1 =71 R2 =79 R3 =85 R4 =73 R5 =71 R6 =71 R7 =83
R8 =57 R9 =0 R10=50 R11=70 R12=41 R13=72 R14=92 R15=64

Photo Parameters:

Flux = 14151 lm Eff. : 136.77 lm/W Fe = 41.48 W
Scotopic:24801 S/P:1.7526

Electrical parameters:

V = 218.71 V I = 0.5038 A P = 103.5 W PF = 0.9390

Status: Integral T = 67 ms Ip = 37936 (58%)

GBT5702

Model:CE1010E
Tester:
Temperature:25.3Deg
Manufacturer:

Number:220V银边罩暖2
Date:2024-07-19 10:10:14
Humidity:65.0%
Remarks:

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



EPREL registration number: 1228040

<https://eprel.ec.europa.eu/qr/1228040>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

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