

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: 99LED852

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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

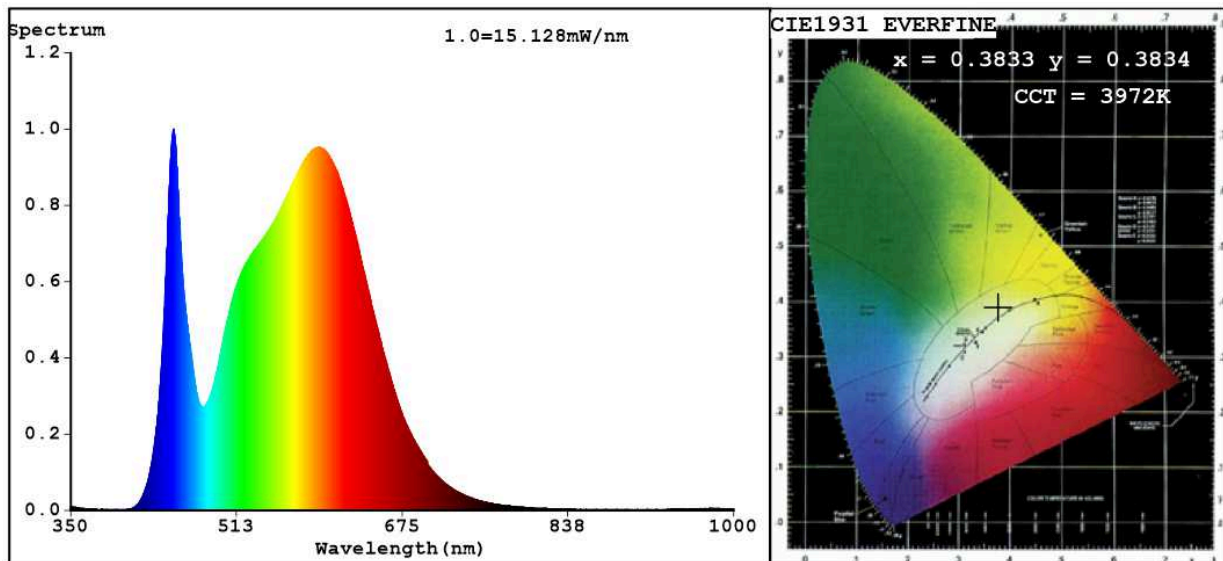
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	830 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	4 000
On-mode power (P_{on}), expressed in W	11,9	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	82
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)	Yes	If yes, equivalent power (W)	65	
		Chromaticity coordinates (x and y)	0,383 0,383	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	6	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,20	Colour consistency in McAdam ellipses	5	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	Yes ^(b)	If yes then replacement claim (W)	60	
Flicker metric (Pst LM)	0,6	Stroboscopic effect metric (SVM)	0,2	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3833$ $y=0.3834$ $u'=0.2244$ $v'=0.5049$
 CCT=3972K (Duv=0.0023) Dominant WL: $L_d=578.0\text{nm}$ WL: $L_c = \text{--nm}$ Purity=30.1%
 Ratio: R=18.2% G=78.3% B=3.5% ; Peak WL: $L_p=450.9\text{nm}$ FWHM=22.4nm
 Render Index: $R_a=82.5$ AvgR=75.6 TM30: $R_f=84$ $R_g=95$ $L_{av}=570.4\text{nm}$

R1 =80	R2 =89	R3 =95	R4 =81	R5 =81	R6 =84	R7 =86
R8 =64	R9 =6	R10=73	R11=80	R12=61	R13=82	R14=97
						R15=74

Photo Parameters:

Flux = 830.1 lm Eff. : 69.78 lm/W $F_e = 2.503$ W

Electrical parameters:

V = 225.22 V I = 0.2034 A P = 11.90 W PF = 0.2597
 WHITE: ANSI_4000K

Status: Integral T = 75 ms $I_p = 50719$ (77%)

Model: LED PEAR A60 RADAR SENSOR
 Tester: Atanas DAKOV
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 99LED852
 Date: 2021-07-12 14:50:49
 Humidity: 65.0%
 Remarks: 7687

Model placed on the Union market from 24/08/2018.



EPREL registration number: 1078194

<https://eprel.ec.europa.eu/qr/1078194>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

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