

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: 99LED585

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

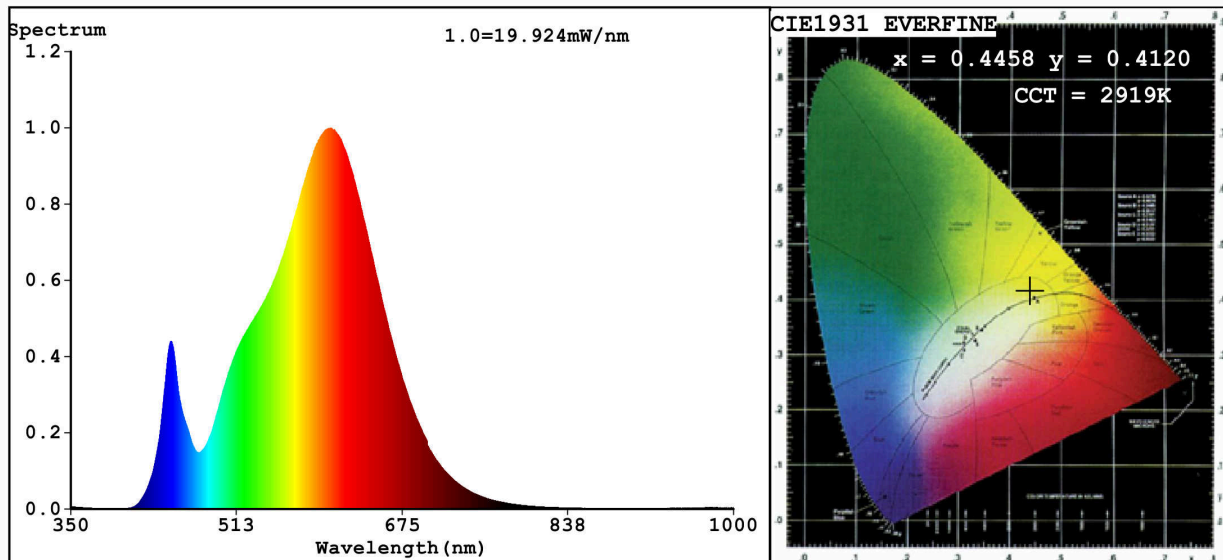
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	900 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	3 000
On-mode power (P_{on}), expressed in W	9,4	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	82
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	60	
		Chromaticity coordinates (x and y)	0,445 0,412	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	7	Survival factor	0,90	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	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)	0,5	Stroboscopic effect metric (SVM)	0,2	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4458$ $y=0.4120$ $u'=0.2529$ $v'=0.5258$
 CCT=2919K (Duv=0.0019) Dominant WL:Ld =582.5nm WL:Lc = --nm Purity=57.5%
 Ratio:R=23.2% G=74.5% B=2.3%; Peak WL:Lp=603.1nm FWHM=130.1nm
 Render Index:Ra=82.4

R1 =80	R2 =89	R3 =97	R4 =81	R5 =80	R6 =87	R7 =84
R8 =60	R9 =7	R10=77	R11=81	R12=71	R13=82	R14=99 R15=73

Photo Parameters:

Flux = 971.4 lm Eff. : 102.77 lm/W Fe = 2.975 W

Electrical parameters:

V = 219.93 V I = 0.07390 A P = 9.452 W PF = 0.5815
 WHITE:ANSI_3000K

Status: Integral T = 49 ms Ip = 47196 (72%)

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

Number:99LED585
 Date:2021-01-27 09:31:29
 Humidity:65.0%
 Remarks:7084