

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: 99LED842WW

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:	NMLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	Only with specific dimmers

Product parameters

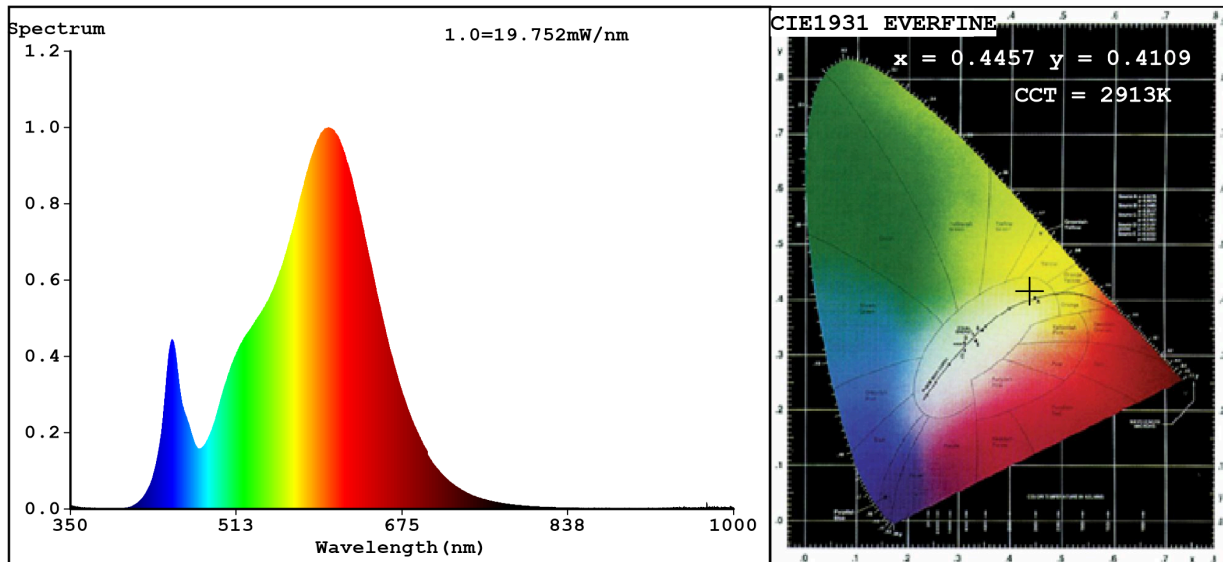
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	930 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	10,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,20	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	81
Outer dimensions without separate control gear, light-	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

ing control 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)	0,445 0,410	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	1	Survival factor	0,50	
the lumen maintenance factor	0,95			

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4457$ $y=0.4109$ $u'=0.2532$ $v'=0.5253$
 CCT=2913K (Duv=0.0016) Dominant WL:Ld =582.7nm WL:Lc = --nm Purity=57.1%
 Ratio:R=23.2% G=74.4% B=2.3%; Peak WL:Lp=603.1nm FWHM=122.7nm
 Render Index:Ra=81.7

R1 =80	R2 =90	R3 =97	R4 =80	R5 =80	R6 =88	R7 =82
R8 =57	R9 =1	R10=78	R11=80	R12=71	R13=82	R14=99 R15=71

Photo Parameters:

Flux = 945.3 lm Eff. : 92.66 lm/W Fe = 2.851 W

Electrical parameters:

V = 12.080 V I = 0.8445 A P = 10.20 W PF = 1.000
 WHITE:ANSI_3000K

Status: Integral T = 36 ms Ip = 35625 (54%)

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

Number:99LED842WW
 Date:2022-12-22 13:39:13
 Humidity:65.0%
 Remarks:9016