

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: 99LED842CW

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:

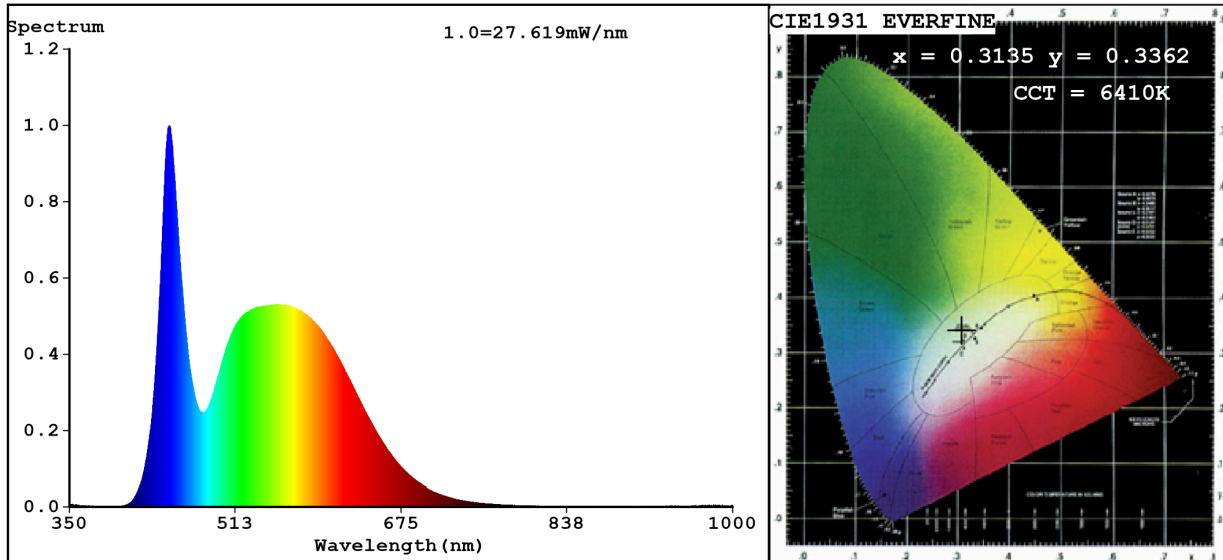
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	950 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	6 400
On-mode power (P_{on}), expressed in W	10,2	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	112	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

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)	0,313 0,336	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,50	
the lumen maintenance factor	0,95			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3135$ $y=0.3362$ / $u'=0.1957$ $v'=0.4723$
 CCT=6410K (Duv=0.0064) Dominant WL: $L_d = 493.6$ nm WL: $L_c =$ --nm Purity=6.5%
 Ratio: R=13.0% G=81.7% B=5.3% ; Peak WL: $L_p = 447.9$ nm FWHM=25.4nm
 Render Index: $R_a = 81.4$

R1 =79 R2 =85 R3 =89 R4 =82 R5 =80 R6 =80 R7 =88
 R8 =68 R9 =0 R10=64 R11=81 R12=60 R13=80 R14=94 R15=73

Photo Parameters:

Flux = 948.2 lm Eff. : 92.84 lm/W $P_e = 3.041$ W

Electrical parameters:

V = 12.080 V I = 0.8454 A P = 10.21 W PF = 1.000
 WHITE:ANSI_6500K

Status: Integral T = 36 ms $I_p = 42326$ (65%)

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

Number:99LED842CW
 Date:2022-12-22 13:30:38
 Humidity:65.0%
 Remarks:9016