

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: 99LED843CW

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

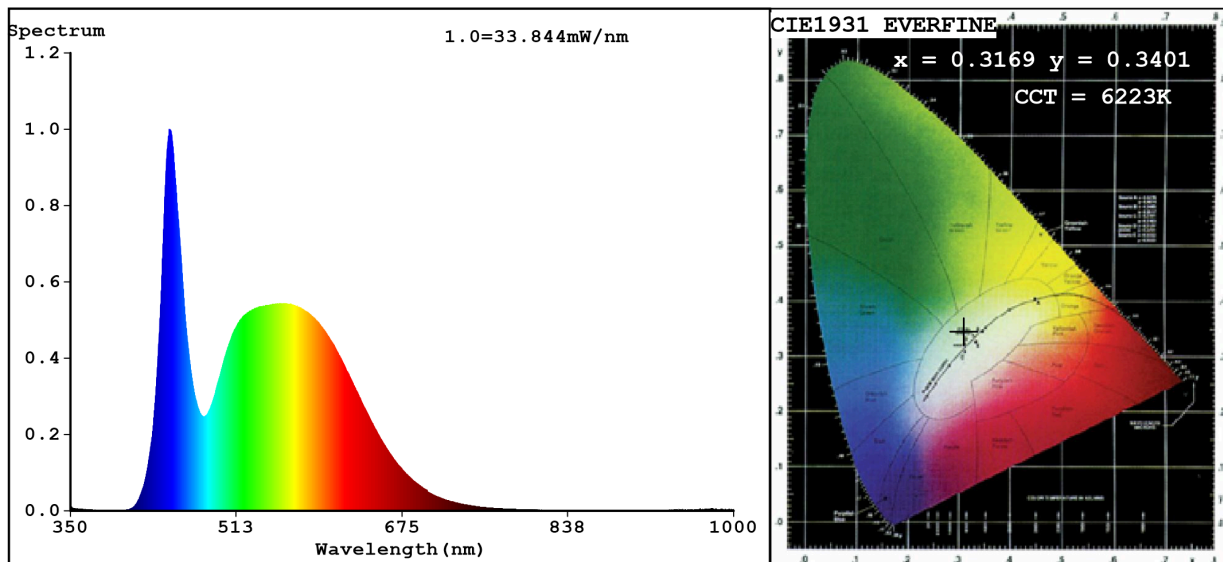
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	13	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 192 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	6 000
On-mode power (P_{on}), expressed in W	12,5	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)	80	
		Chromaticity coordinates (x and y)	0,316 0,340	
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: $x=0.3169$ $y=0.3401$ $u'=0.1966$ $v'=0.4747$
 CCT=6223K (Duv=0.0067) Dominant WL:Ld =497.0nm WL:Lc = --nm Purity=5.2%
 Ratio:R=13.2% G=81.7% B=5.1% ; Peak WL:Lp=447.6nm FWHM=25.3nm
 Render Index:Ra=81.2

R1 =78	R2 =85	R3 =90	R4 =82	R5 =80	R6 =80	R7 =88
R8 =68	R9 =0	R10=64	R11=81	R12=59	R13=80	R14=95 R15=73

Photo Parameters:

Flux = 1192 lm Eff. : 95.39 lm/W Fe = 3.788 W

Electrical parameters:

V = 12.079 V I = 1.035 A P = 12.50 W PF = 1.000
 WHITE:ANSI_6500K

Status: Integral T = 30 ms Ip = 43189 (66%)

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

Number:99LED843CW
 Date:2022-12-22 13:49:19
 Humidity:65.0%
 Remarks:9016