

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: 99LED843WW

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
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General product parameters:

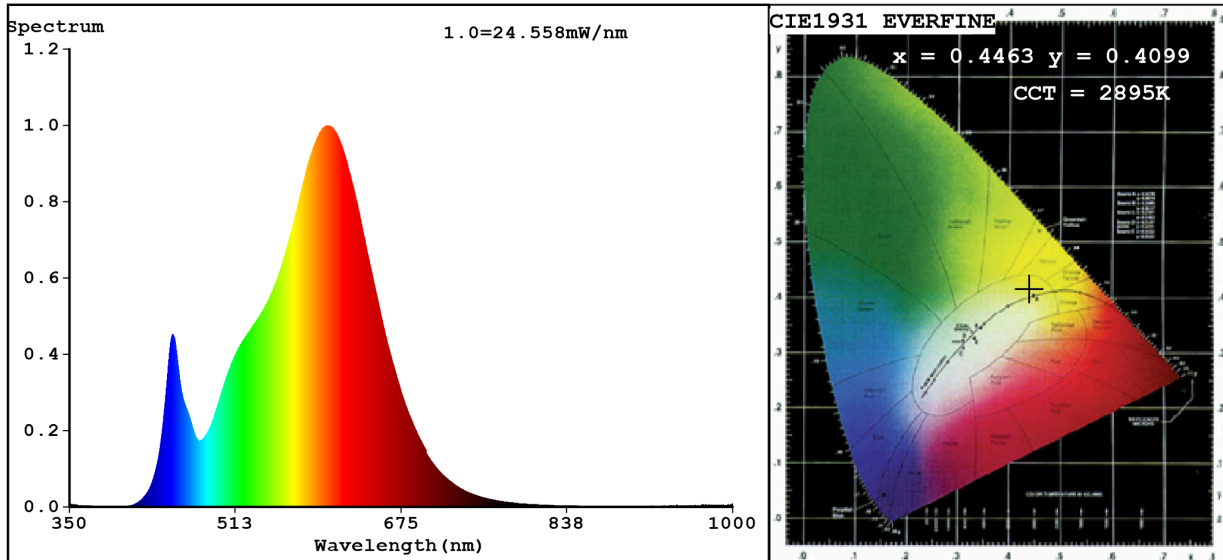
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	13	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 170 in Sphere (360°)	Correlated colour temperature, rounded 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	12,4	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	125	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)	80	
		Chromaticity coordinates (x and y)	0,446 0,409	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	2	Survival factor	0,50	
the lumen maintenance factor	0,95			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4463$ $y=0.4099$ / $u'=0.2541$ $v'=0.5251$
 CCT=2895K (Duv=0.0011) Dominant WL:Ld =582.9nm WL:Lc = --nm Purity=57.0%
 Ratio:R=23.4% G=74.1% B=2.4% ; Peak WL:Lp=604.4nm FWHM=119.2nm
 Render Index:Ra=81.7

R1 =80 R2 =91 R3 =96 R4 =80 R5 =80 R6 =90 R7 =82
 R8 =56 R9 =2 R10=80 R11=79 R12=72 R13=83 R14=98 R15=71

Photo Parameters:

Flux = 1165 lm Eff. : 93.74 lm/W Fe = 3.521 W

Electrical parameters:

V = 12.079 V I = 1.029 A P = 12.43 W PF = 1.000
 WHITE:ANSI_3000K

Status: Integral T = 45 ms Ip = 55298 (84%)

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

Number:99LED843WW
 Date:2022-12-22 13:25:09
 Humidity:65.0%
 Remarks:9016