

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: 99LED584

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

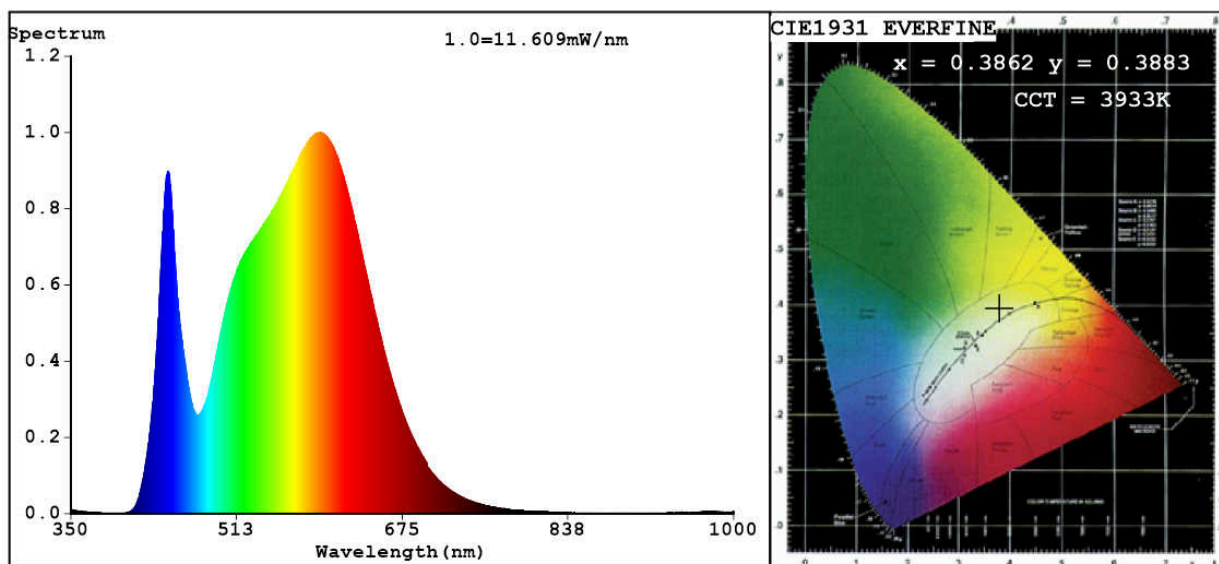
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	670 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	4 000
On-mode power (P_{on}), expressed in W	7,6	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 separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	55	
		Chromaticity coordinates (x and y)	0,386 0,388	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	3	Survival factor	0,50	
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	4	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	5,0	Stroboscopic effect metric (SVM)	0,3	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3862$ $y=0.3883$ $u'=0.2243$ $v'=0.5074$

CCT=3933K(Duv=0.0037) Dominant WL:Ld =577.6nm Purity=32.4%

Ratio:R=18.2% G=78.5% B=3.3%; Peak WL:Lp=594.8nm FWHM=151.8nm

Render Index:Ra=82.1

R1 =80	R2 =87	R3 =94	R4 =83	R5 =80	R6 =83	R7 =86
R8 =63	R9 =3	R10=70	R11=82	R12=67	R13=81	R14=97
						R15=72

Photo Parameters:

Flux = 671.4 lm Eff. : 88.03 lm/W Fe = 2.016 W

Electrical parameters:

V = 229.89 V I = 0.05898 A P = 7.627 W PF = 0.5625

WHITE:ANSI_4000K

Status: Integral T = 68 ms Ip = 50472 (77%)

Model:LED PEAR A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED584
Date:2018-12-17 15:29
Humidity:65.0%
Remarks:27Q39118030_4730