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: 99LED588

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

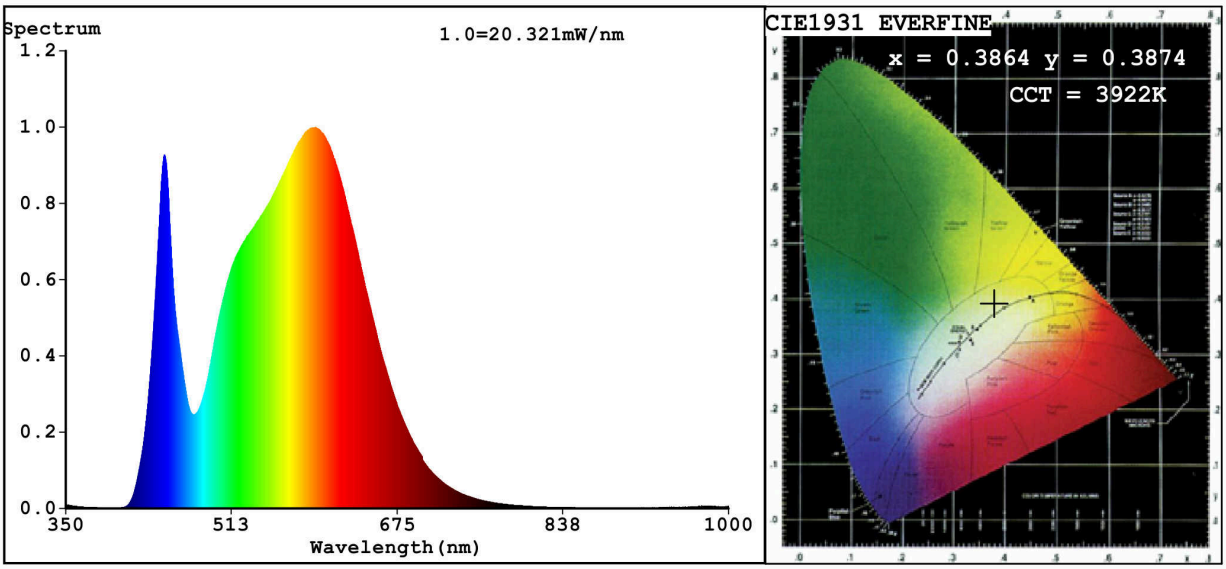
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 080 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	11,0	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	81
Outer dimensions without — Height	127	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	60		
Outer dimensions without — Depth	60		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	75
			Chromaticity coordinates (x and y)	0,386 0,387
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	Survival factor	0,90
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,20	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		Yes[b]	If yes then replacement claim (W)	68
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,2

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3864 y=0.3874/u'=0.2248 v'=0.5071

CCT=3922K(Duv=0.0032) Dominant WL:Ld =577.8nm WL:Lc = --nm Purity=32.2%

Ratio:R=18.2% G=78.6% B=3.3%¡¡Peak WL:Lp=595.5nm FWHM=151.0nm

Render Index:Ra=81.9

R1 =79	R2 =87	R3 =94	R4 =82	R5 =80	R6 =83	R7 =86	
R8 =63	R9 =3	R10=70	R11=82	R12=65	R13=81	R14=97	R15=72

Photo Parameters:

Flux = 1174 lm Eff. : 89.82 lm/W Fe = 3.535 W

Electrical parameters:

V = 219.97 V I = 0.2078 A P = 13.07 W PF = 0.2860

WHITE:ANSI_4000K

~~Status: Integral T = 41 ms Ip = 40974 (63%)~~

Model:LED PEAR A60	Number:99LED588
Tester:Atanas DAKOV	Date:2021-04-07 08:59:10
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7377