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: 99LED588HE

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

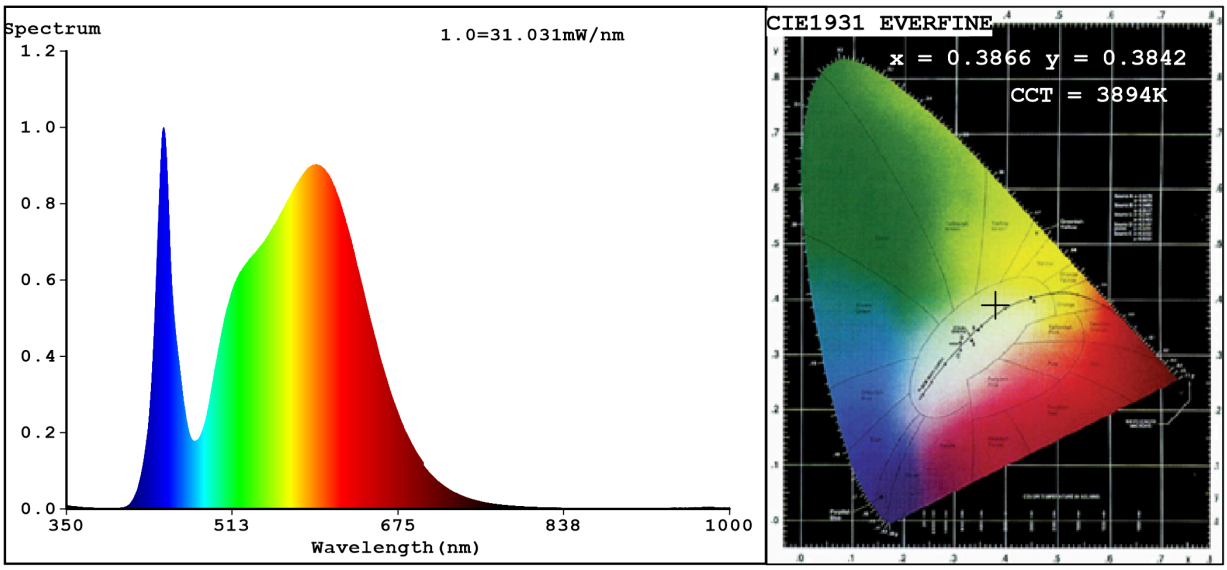
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 500 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	12,4	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 separate control gear, lighting control — Height	125	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	60		
Depth	60		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		Yes	If yes, equivalent power (W)	100
			Chromaticity coordinates (x and y)	0,386 0,384
Parameters for LED and OLED light sources:				
R9 colour rendering index value		6	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	5
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)		0,5	Stroboscopic effect metric (SVM)	0,2

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3866 y=0.3842/u'=0.2262 v'=0.5057

CCT=3894K(Duv=0.0017) Dominant WL:Ld =578.6nm WL:Lc = --nm Purity=31.3%

Ratio:R=18.4% G=78.6% B=3.0%¡¡Peak WL:Lp=445.2nm FWHM=19.0nm

Render Index:Ra=81.6

R1 =80	R2 =86	R3 =92	R4 =83	R5 =80	R6 =82	R7 =86	
R8 =65	R9 =6	R10=68	R11=83	R12=63	R13=81	R14=96	R15=73

Photo Parameters:

Flux = 1618 lm Eff. : 130.33 lm/W Fe = 4.878 W

Electrical parameters:

V = 229.29 V I = 0.09288 A P = 12.42 W PF = 0.5830

WHITE:ANSI_4000K

Status: Integral T = 35 ms Ip = 48288 (74%)

Model:LED PEAR A60	Number:99LED588HE
Tester:Atanas DAKOV	Date:2022-09-26 08:43:56
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8756