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: 99LED797

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):	Yes
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	15	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)	1 605 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	6 400
On-mode power (P_{on}), expressed in W	15,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,50	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	115	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	60		
Outer dimensions without separate control gear, lighting control — Depth	60		

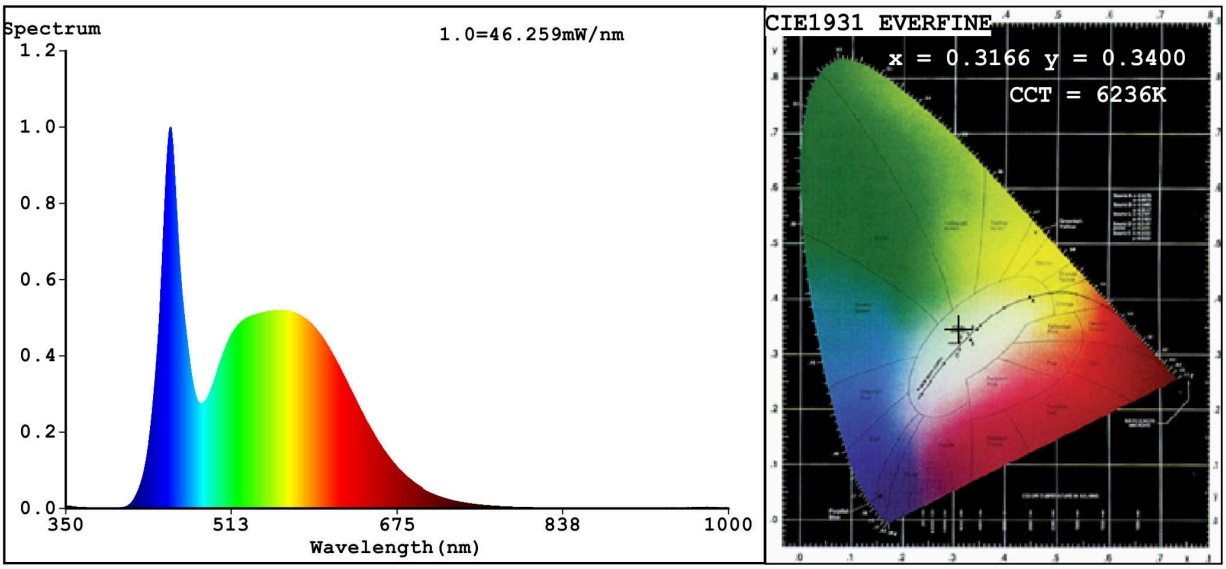
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		Yes	If yes, equivalent power (W)	100
			Chromaticity coordinates (x and y)	0,316 0,340
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	Survival factor	0,90
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		Yes[(b)]	If yes then replacement claim (W)	23
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,2

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

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

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3166 y=0.3400/u'=0.1964 v'=0.4747

CCT=6236K(Duv=0.0068) Dominant WL:Ld =496.9nm WL:Lc = --nm Purity=5.3%

Ratio:R=13.3% G=81.1% B=5.6%¡¡Peak WL:Lp=453.3nm FWHM=24.8nm

Render Index:Ra=82.7

R1 =80	R2 =88	R3 =93	R4 =81	R5 =81	R6 =83	R7 =88	
R8 =68	R9 =3	R10=71	R11=80	R12=58	R13=82	R14=96	R15=74

Photo Parameters:

Flux = 1570 lm Eff. : 109.79 lm/W Fe = 5.017 W

Electrical parameters:

V = 219.88 V I = 0.1201 A P = 14.30 W PF = 0.5418

WHITE:ANSI_6500K

Status: Integral T = 23 ms Ip = 45332 (69%)

Model:LED PEAR A60 SMD2835	Number:99LED797
Tester:Atanas DAKOV	Date:2021-01-29 09:06:18
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7292