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: 99LED581

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:	Yes

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)	1 070 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	11,0	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	82
Outer dimensions without — Height	127	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	127		
Outer dimensions without — Depth	60		

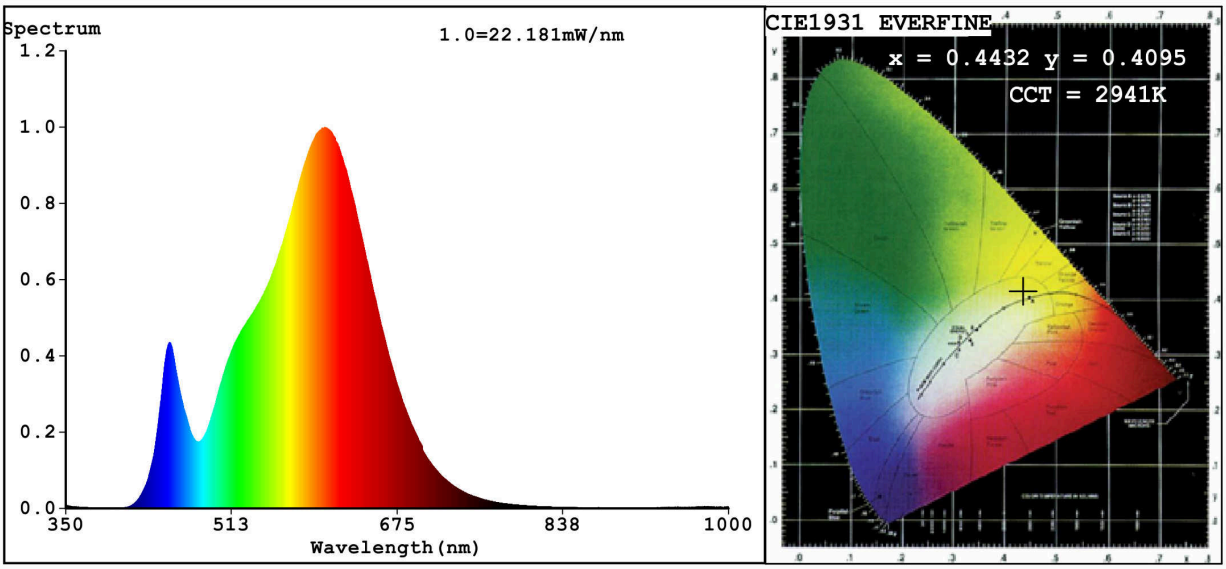
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	80
			Chromaticity coordinates (x and y)	0,443 0,409
Parameters for LED and OLED light sources:				
R9 colour rendering index value		7	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	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)	75
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=0.4432 y=0.4095/u'=0.2523 v'=0.5244

CCT=2941K(Duv=0.0013) Dominant WL:Ld =582.6nm WL:Lc = --nm Purity=55.9%

Ratio:R=23.2% G=74.4% B=2.4%¡¡Peak WL:Lp=604.4nm FWHM=127.8nm

Render Index:Ra=82.5

R1 =81	R2 =90	R3 =97	R4 =81	R5 =81	R6 =89	R7 =83	
R8 =59	R9 =7	R10=78	R11=80	R12=71	R13=83	R14=99	R15=73

Photo Parameters:

Flux = 1076 lm Eff. : 97.09 lm/W Fe = 3.281 W

Electrical parameters:

V = 219.95 V I = 0.05425 A P = 11.09 W PF = 0.9291

WHITE:ANSI_3000K

Status: Integral T = 48 ms Ip = 52859 (81%)

Model:LED PEAR A60	Number:99LED581
Tester:Atanas DAKOV	Date:2020-10-28 09:45:22
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6603