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: 99LED770D

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:	Yes

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 (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	580 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	5,4	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	79
Outer dimensions without — Height	120	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	80		
Outer dimensions without — Depth	80		

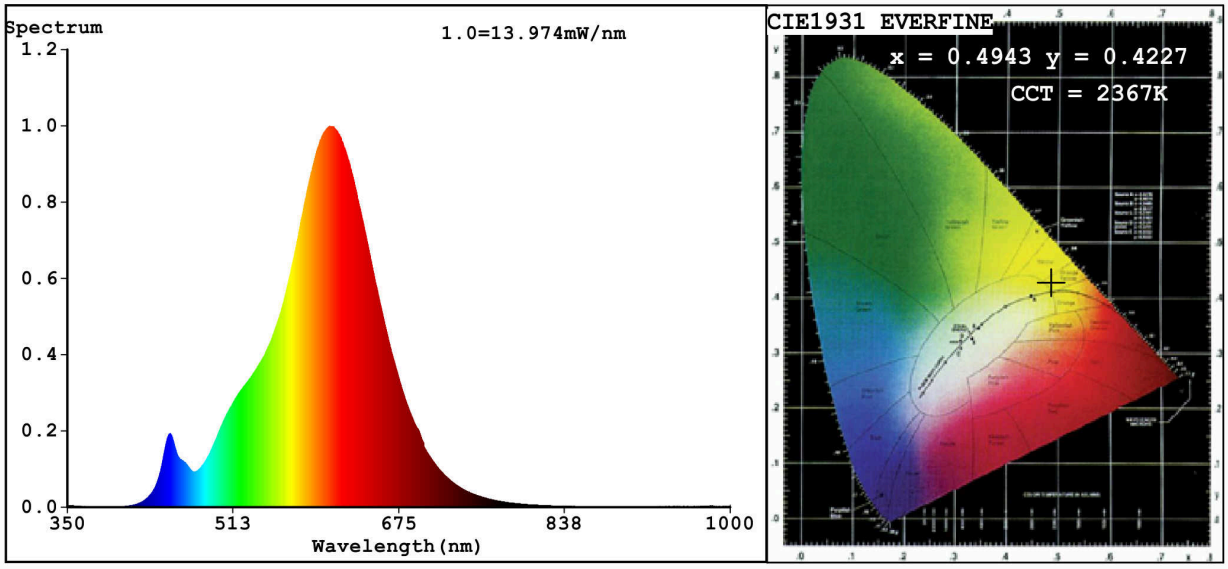
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	50
			Chromaticity coordinates (x and y)	0,494 0,422
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,40
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,80	Colour consistency in McAdam ellipses	1
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)	48
Flicker metric (Pst LM)		0,0	Stroboscopic effect metric (SVM)	0,0

[a] '-' : not applicable;

[b] '-' : not applicable;

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4943 y=0.4227/u'=0.2791 v'=0.5370

CCT=2367K(Duv=0.0024) Dominant WL:Ld =585.4nm WL:Lc = --nm Purity=75.3%

Ratio:R=27.9% G=70.4% B=1.6%¡¡Peak WL:Lp=607.4nm FWHM=102.0nm

Render Index:Ra=79.6

R1 =78	R2 =90	R3 =94	R4 =77	R5 =78	R6 =91	R7 =79	
R8 =50	R9 =0	R10=80	R11=77	R12=76	R13=80	R14=97	R15=68

Photo Parameters:

Flux = 571.9 lm Eff. : 105.91 lm/W Fe = 1.778 W

Electrical parameters:

V = 221.37 V I = 0.02784 A P = 5.400 W PF = 0.8762

WHITE:OUT

Status: Integral T = 71 ms Ip = 50448 (77%)

Model:FILAMENT LED BULB	Number:99LED770D
Tester:Atanas DAKOV	Date:2020-06-30 10:57:56
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6876