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: 99216170

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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

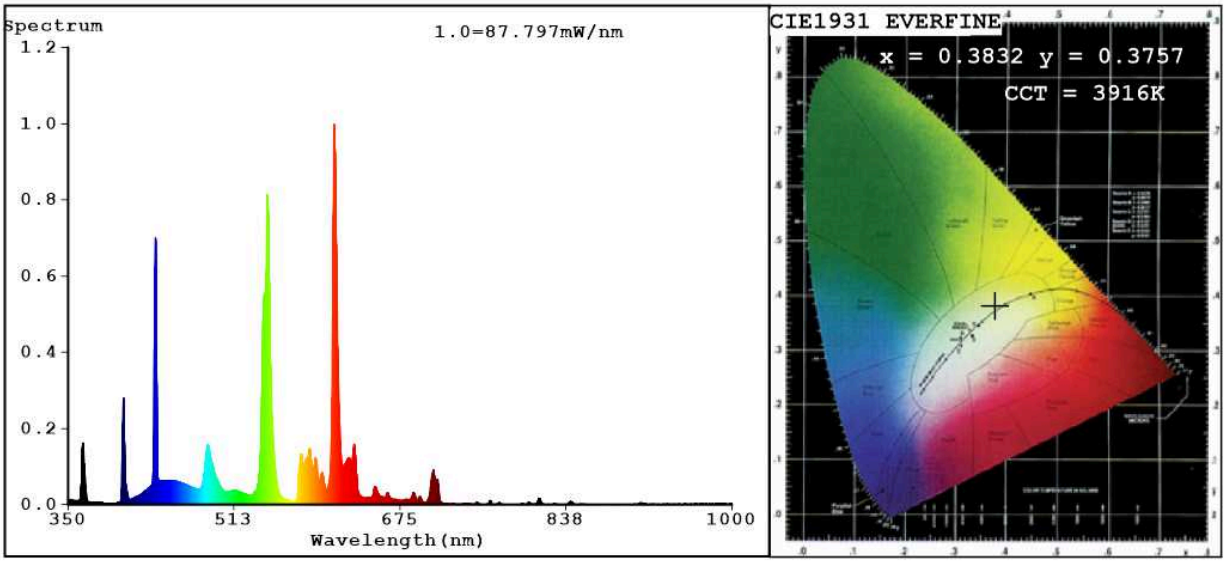
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	800 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	13,5	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	84
Outer dimensions without — Height	115	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	40		
Outer dimensions without — Depth	7		

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)	60
			Chromaticity coordinates (x and y)	0,383 0,375
Parameters for LED and OLED light sources:				
R9 colour rendering index value		28	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,60	Colour consistency in McAdam ellipses	0
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)	55
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,3

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3832 y=0.3757/u'=0.2274 v'=0.5015

CCT=3916K(Duv=-0.0013) Dominant WL:Ld =580.1nm Purity=27.8%

Ratio:R=25.3% G=70.7% B=4.1%¡¡Peak WL:Lp=610.8nm FWHM=4.7nm

Render Index:Ra=84.4

R1 =95	R2 =95	R3 =53	R4 =87	R5 =92	R6 =83	R7 =88	
R8 =81	R9 =28	R10=55	R11=83	R12=61	R13=94	R14=69	R15=95

Photo Parameters:

Flux = 811.8 lm Eff. : 59.98 lm/W Fe = 2.537 W

Electrical parameters:

V = 220.12 V I = 0.1002 A P = 13.54 W PF = 0.6136

WHITE:ANSI_4000K

Status: Integral T = 8 ms Ip = 54656 (83%)

Model:3U E14_15W	Number:99216170
Tester:Petya Marinova	Date:2015-04-30 13:20
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:EVERFINE	Remarks:27Q39115008