

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: 99LED855

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):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

Product parameters

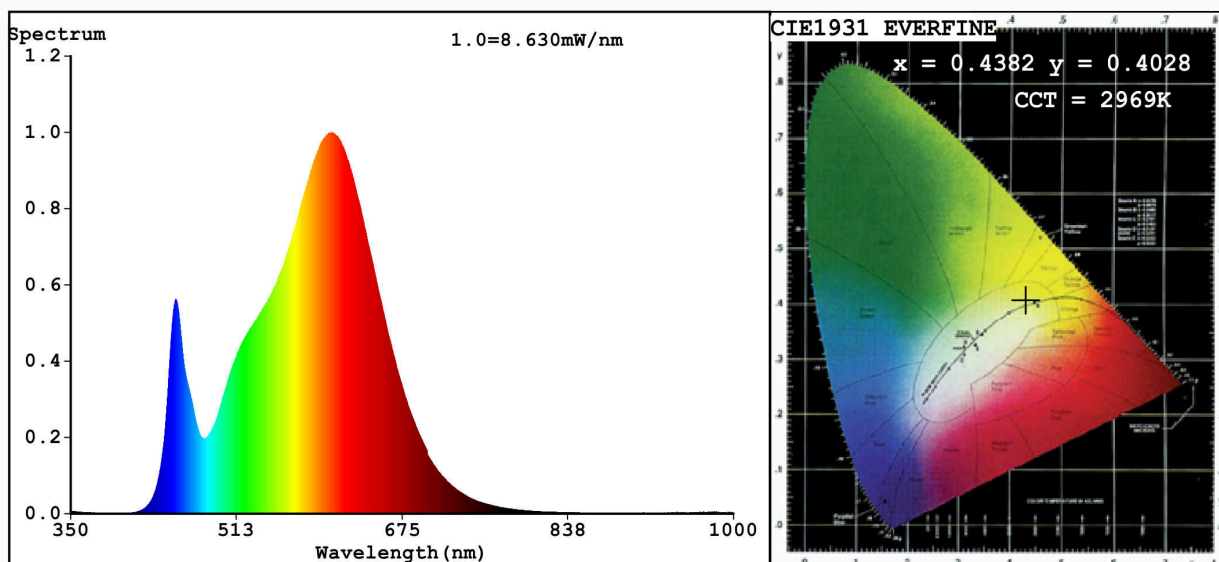
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	450 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	5,0	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	84
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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)	40	
		Chromaticity coordinates (x and y)	0,438 0,402	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	14	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,70	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)	40	
Flicker metric (Pst LM)	0,6	Stroboscopic effect metric (SVM)	0,2	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4382$ $y=0.4028$ $u'=0.2519$ $v'=0.5211$

CCT=2969K(Duv=-0.0007) Dominant WL:Ld =583.2nm Purity=52.4%

Ratio:R=23.4% G=73.9% B=2.7%; Peak WL:Lp=606.1nm FWHM=129.2nm

Render Index:Ra=84.2

R1 =83	R2 =93	R3 =96	R4 =82	R5 =83	R6 =91	R7 =83
R8 =61	R9 =14	R10=83	R11=82	R12=72	R13=86	R14=99
						R15=76

Photo Parameters:

Flux = 417.8 lm Eff. : 82.65 lm/W Fe = 1.292 W

Electrical parameters:

V = 229.88 V I = 0.02841 A P = 5.055 W PF = 0.7738

WHITE:ANSI_3000K

Status: Integral T = 94 ms Ip = 51211 (78%)

Model:LED CANDLE C37/5W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED855
Date:2018-12-18 09:24
Humidity:65.0%
Remarks:018V016B_4764