

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: 99LED888G

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

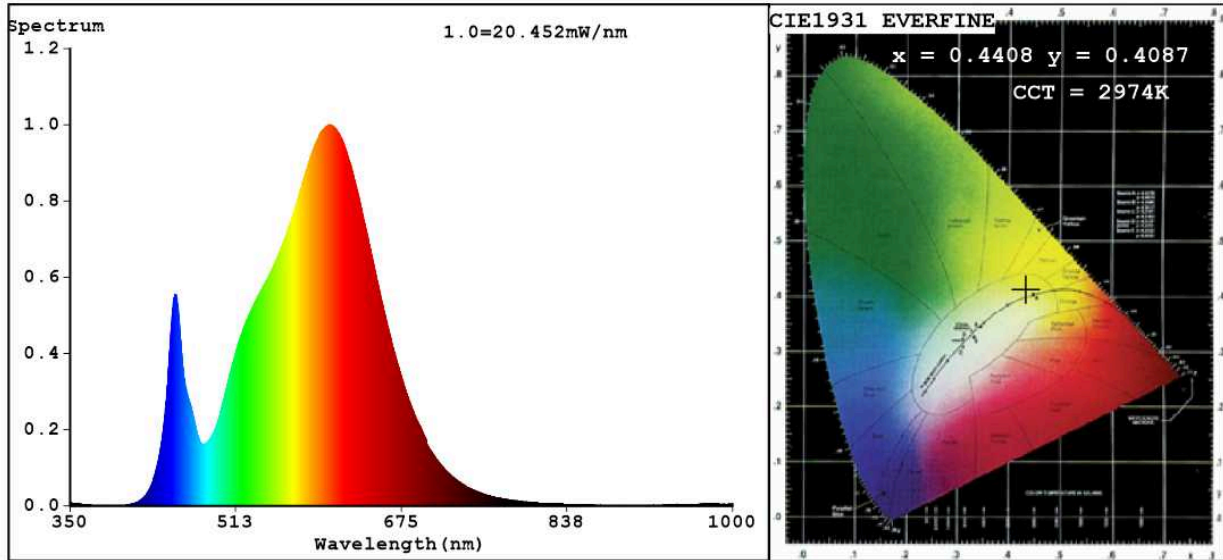
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	3 000
On-mode power (P_{on}), expressed in W	8,0	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	82
Outer dimensions without	Height	390	Spectral power distribution in the
	Width	200	
	Depth	-	
			See image in last page

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)	0,440 0,408	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	9	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	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)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4408$ $y=0.4087$ / $u'=0.2511$ $v'=0.5238$
 CCT=2974K (Duv=0.0013) Dominant WL:Ld =582.5nm WL:Lc = --nm Purity=55.0%
 Ratio:R=23.0% G=74.8% B=2.3%; Peak WL:Lp=604.4nm FWHM=133.7nm
 Render Index:Ra=82.2

R1 =81 R2 =90 R3 =97 R4 =80 R5 =80 R6 =86 R7 =84
 R8 =60 R9 =9 R10=75 R11=79 R12=64 R13=82 R14=98 R15=74

Photo Parameters:

Flux = 1007 lm Eff. : 124.99 lm/W Fe = 3.072 W

Electrical parameters:

V = 220.01 V I = 0.03837 A P = 8.057 W PF = 0.9545

WHITE:ANSI_3000K

Status: Integral T = 50 ms Ip = 50735 (77%)

Model: FILAMENT LED
 Tester: Atanas DAKOV
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 99LED888G
 Date: 2020-10-27 09:17:47
 Humidity: 65.0%
 Remarks: 6406