

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: 99LED856G

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

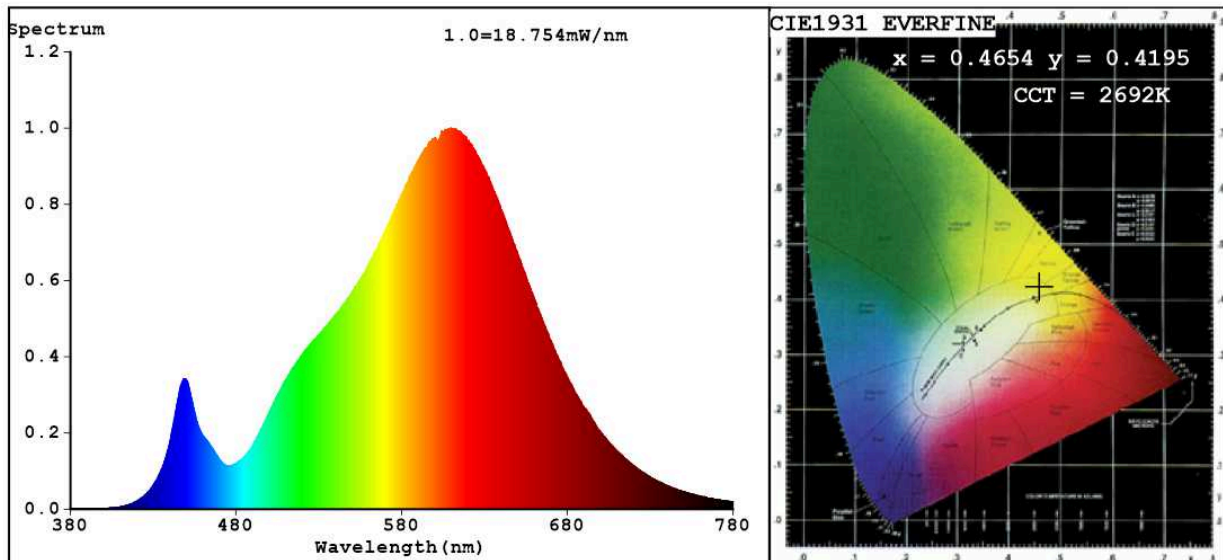
Product parameters

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	2 800
On-mode power (P_{on}), expressed in W	8,2	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	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)	60	
		Chromaticity coordinates (x and y)	0,465 0,419	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	12	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: $x=0.4654$ $y=0.4195$ $u'=0.2621$ $v'=0.5315$

CCT=2692K(Duv=0.0028) Dominant WL:Ld =583.4nm Purity=65.6%

Ratio:R=25.0% G=73.2% B=1.8%; Peak WL:Lp=609.8nm FWHM=126.5nm

Render Index:Ra=82.7

R1 =81	R2 =89	R3 =98	R4 =81	R5 =80	R6 =87	R7 =85	
R8 =61	R9 =12	R10=76	R11=80	R12=69	R13=82	R14=98	R15=73

Photo Parameters:

Flux = 872.6 lm Eff. : 105.93 lm/W Fe = 2.718 W

Electrical parameters:

V = 229.72 V I = 0.03748 A P = 8.238 W PF = 0.9568

WHITE:ANSI_2700K

Status: Integral T = 45 ms Ip = 53038 (81%)

Model:VINTAGE LAMP/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED856G
Date:2019-03-19 12:40
Humidity:65.0%
Remarks:018V047B_4838