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: 99LED863S

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

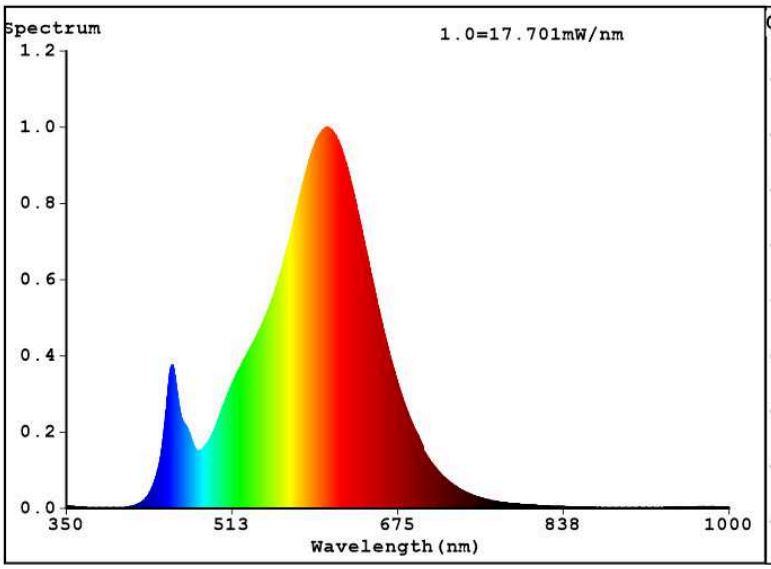
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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	8,0	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	80
Outer dimensions without — Height	250	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	250		
Outer dimensions without — Depth	125		

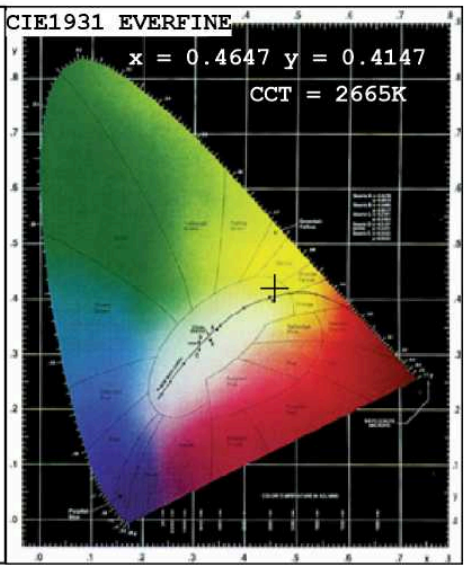
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	60
			Chromaticity coordinates (x and y)	0,414 0,414
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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=0.4647 y=0.4147/u'=0.2638 v'=0.5296

CCT=2665K(Duv=0.0011) Dominant WL:Ld =584.0nm WL:Lc = --nm Purity=64.0%

Ratio:R=25.1% G=72.8% B=2.1%¡¡Peak WL:Lp=607.1nm FWHM=113.7nm

Render Index:Ra=80.3

R1 =78	R2 =90	R3 =96	R4 =77	R5 =78	R6 =89	R7 =80	
R8 =54	R9 =0	R10=78	R11=75	R12=70	R13=81	R14=98	R15=70

Photo Parameters:

Flux = 799.5 lm Eff. : 98.93 lm/W Fe = 2.447 W

Electrical parameters:

V = 220.00 V I = 0.03840 A P = 8.082 W PF = 0.9567

WHITE:ANSI_2700K

Status: Integral T = 50 ms Ip = 36558 (56%)

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

Number:99LED863S
Date:2020-10-27 09:43:51
Humidity:65.0%
Remarks:6406