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: 99LED100S

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

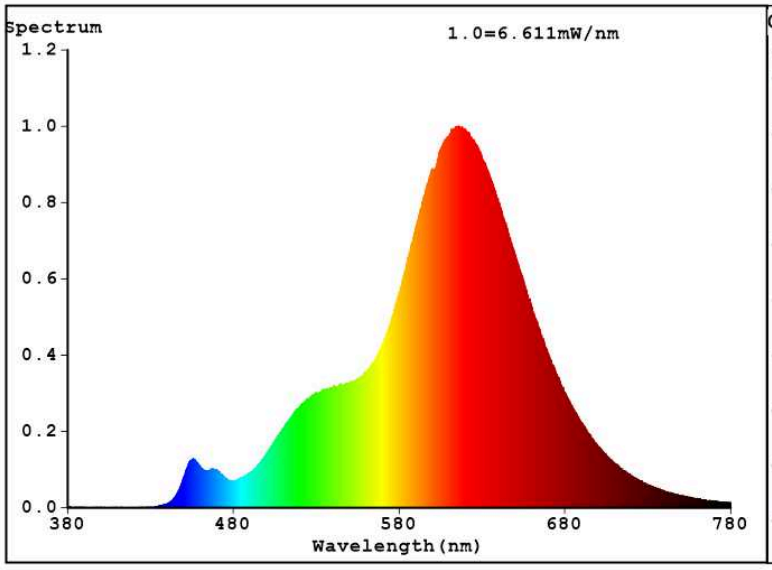
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	250 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	2 000
On-mode power (P_{on}), expressed in W	3,9	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	86
Outer dimensions without — Height	265	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	220		
Outer dimensions without — Depth	220		

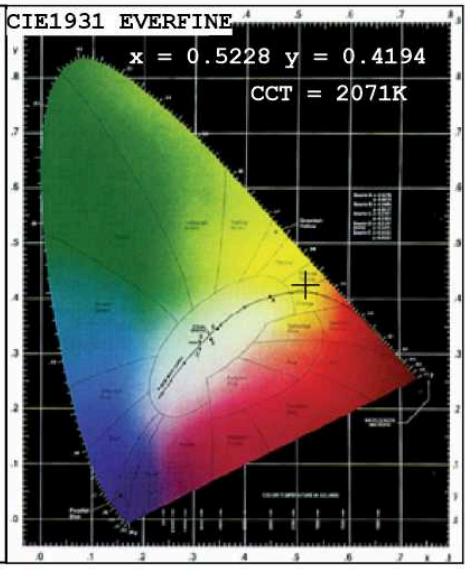
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	25
			Chromaticity coordinates (x and y)	0,522 0,419
Parameters for LED and OLED light sources:				
R9 colour rendering index value		16	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,80	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)	20
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=0.5228 y=0.4194/u'=0.2993 v'=0.5402

CCT=2071K(Duv=0.0016) Dominant WL:Ld =587.8nm Purity=82.8%

Ratio:R=33.5% G=65.2% B=1.3%¡¡Peak WL:Lp=616.1nm FWHM=86.0nm

Render Index:Ra=86.1

R1 =88	R2 =97	R3 =93	R4 =89	R5 =89	R6 =95	R7 =80	
R8 =58	R9 =16	R10=93	R11=95	R12=90	R13=91	R14=97	R15=75

Photo Parameters:

Flux = 226.2 lm Eff. : 57.37 lm/W Fe = 748.8 mW

Electrical parameters:

V = 230.00 V I = 0.01942 A P = 3.942 W PF = 0.8825

WHITE:OUT

Status: Integral T = 134 ms Ip = 54460 (83%)

Model:VINTAGE LAMP/4W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED100G
Date:2019-03-21 10:48
Humidity:65.0%
Remarks:SH18BG-JC_ELM03_5480