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: 99LED979G

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

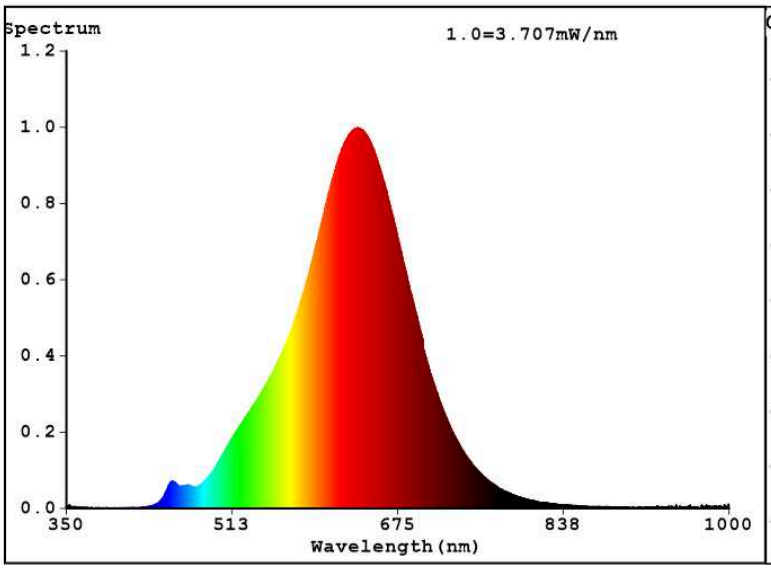
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	200 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	3,0	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	91
Outer dimensions without — Height	330	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	120		
Outer dimensions without — Depth	120		

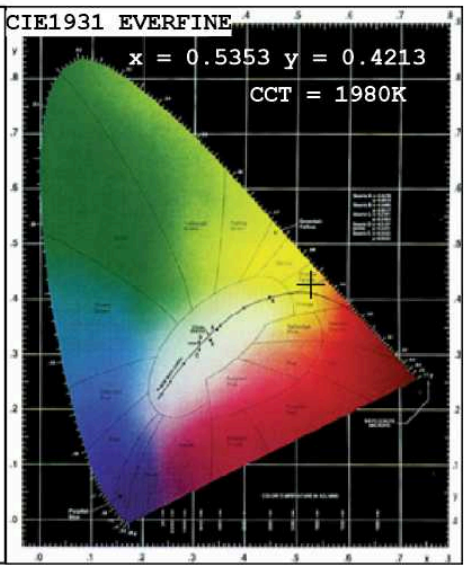
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	20
			Chromaticity coordinates (x and y)	0,535 0,421
Parameters for LED and OLED light sources:				
R9 colour rendering index value		56	Survival factor	0,50
the lumen maintenance factor		0,90		
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)	15
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=0.5353 y=0.4213/u'=0.3065 v'=0.5428

CCT=1980K(Duv=0.0027) Dominant WL:Ld =588.3nm WL:Lc = --nm Purity=87.1%

Ratio:R=34.6% G=64.3% B=1.1%¡¡Peak WL:Lp=635.7nm FWHM=119.5nm

Render Index:Ra=91.9

R1 =91	R2 =96	R3 =98	R4 =92	R5 =91	R6 =97	R7 =91	
R8 =79	R9 =56	R10=89	R11=94	R12=89	R13=92	R14=98	R15=86

Photo Parameters:

Flux = 122.8 lm Eff. : 39.85 lm/W Fe = 516.3 mW

Electrical parameters:

V = 221.46 V I = 0.01460 A P = 3.082 W PF = 0.9533

WHITE:OUT

Status: Integral T = 236 ms Ip = 41080 (63%)

Model:VINTAGE LAMP	Number:99LED979G
Tester:Atanas DAKOV	Date:2020-06-30 14:32:16
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6876