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: 99LED978WW

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:	No

Product parameters

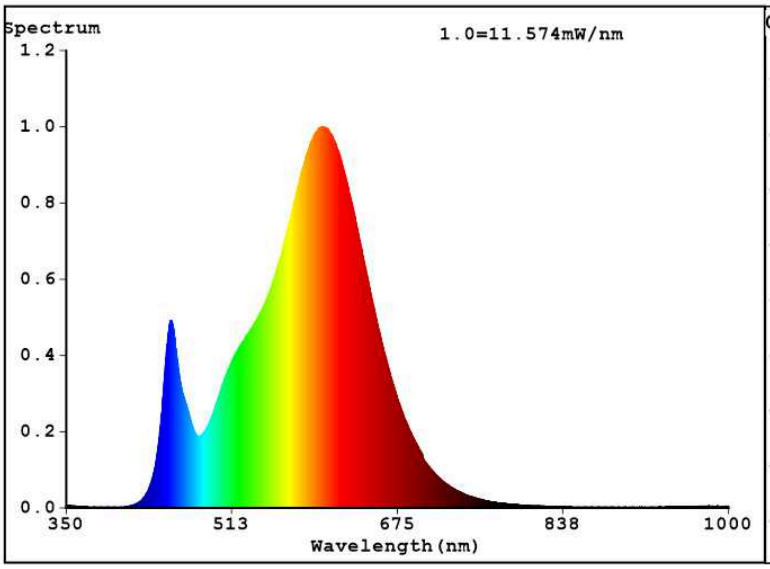
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	550 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	5,3	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	98	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	35		
Outer dimensions without — Depth	35		

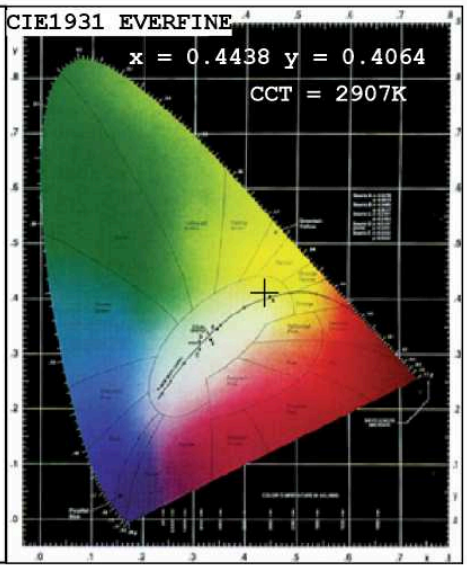
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	55
			Chromaticity coordinates (x and y)	0,443 0,406
Parameters for LED and OLED light sources:				
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)		0,80	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)	50
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=0.4438 y=0.4064/u'=0.2540 v'=0.5233

CCT=2907K(Duv=0.0000) Dominant WL:Ld =583.2nm WL:Lc = --nm Purity=55.2%

Ratio:R=23.2% G=74.2% B=2.5%¡¡Peak WL:Lp=601.5nm FWHM=116.0nm

Render Index:Ra=80.4

R1 =79	R2 =91	R3 =94	R4 =77	R5 =79	R6 =89	R7 =80	
R8 =54	R9 =0	R10=80	R11=76	R12=70	R13=82	R14=98	R15=70

Photo Parameters:

Flux = 547.6 lm Eff. : 102.59 lm/W Fe = 1.644 W

Electrical parameters:

V = 221.44 V I = 0.02715 A P = 5.338 W PF = 0.8877

WHITE:ANSI_3000K

Status: Integral T = 56 ms Ip = 33112 (51%)

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

Number:99LED978WW
Date:2020-06-30 14:06:33
Humidity:65.0%
Remarks:6876