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: 99LED963F

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G13		
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

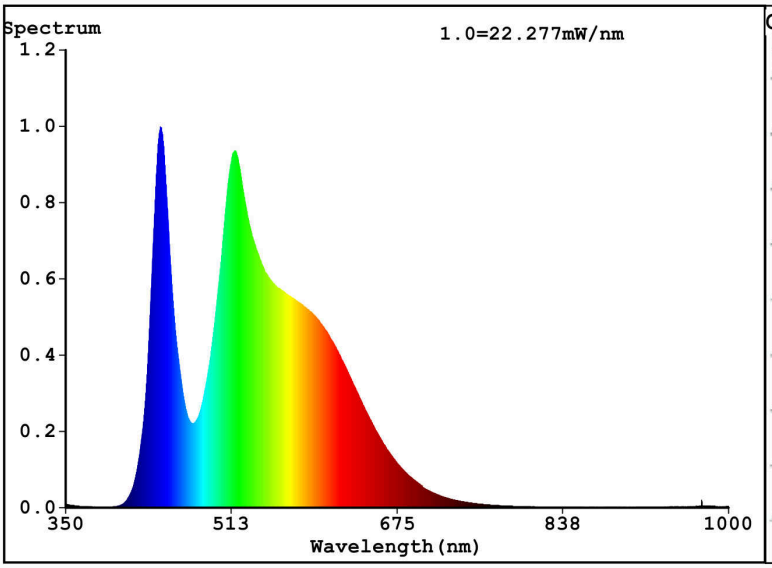
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	900 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	6 500
On-mode power (P_{on}), expressed in W	8,7	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	79
Outer dimensions without — Height	600	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	26		
Outer dimensions without — Depth	26		

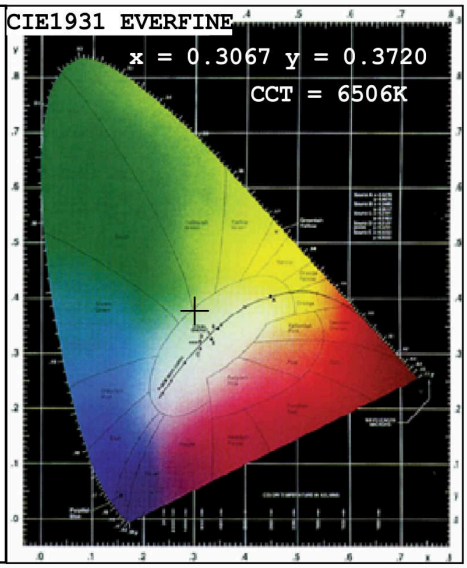
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,306 0,372
Parameters for LED and OLED light sources:				
R9 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.		-[b]	If yes then replacement claim (W)	-
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=0.3067 y=0.3720/u'=0.1791 v'=0.4887

CCT=6506K(Duv=0.0264) Dominant WL:Ld =512.3nm Purity=8.6%

Ratio:R=11.6% G=83.8% B=4.6%¡¡Peak WL:Lp=442.8nm FWHM=23.9nm

Render Index:Ra=79.0

R1 =72	R2 =79	R3 =94	R4 =79	R5 =76	R6 =78	R7 =89	
R8 =65	R9 =0	R10=59	R11=79	R12=63	R13=73	R14=97	R15=62

Photo Parameters:

Flux = 936.2 lm Eff. : 107.33 lm/W Fe = 2.865 W

Electrical parameters:

V = 230.00 V I = 0.04019 A P = 8.723 W PF = 0.9437

WHITE:OUT

Status: Integral T = 38 ms Ip = 52757 (81%)

Model:FRESH LIGHT LED/9W	Number:99LED963F
Tester:Petya Marinova	Date:2018-10-10 15:42
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O18VA023_4918