

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: 99LED966B

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

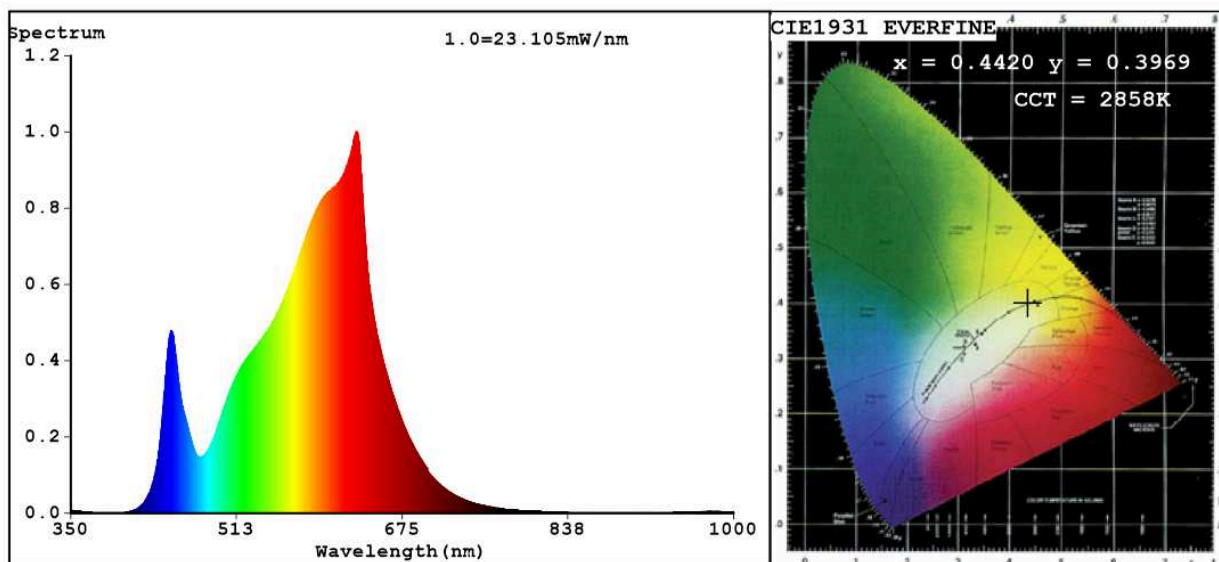
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	2 700
On-mode power (P_{on}), expressed in W	8,3	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	87
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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)	0,441 0,395	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	30	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	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: $x=0.4420$ $y=0.3969$ $u'=0.2570$ $v'=0.5193$

CCT=2858K(Duv=-0.0035) Dominant WL:Ld =584.7nm Purity=51.8%

Ratio:R=24.8% G=72.7% B=2.5%; Peak WL:Lp=629.8nm FWHM=100.6nm

Render Index:Ra=87.2

R1 =87	R2 =94	R3 =97	R4 =87	R5 =88	R6 =93	R7 =85
R8 =68	R9 =29	R10=86	R11=87	R12=81	R13=89	R14=99 R15=81

Photo Parameters:

Flux = 972.2 lm Eff. : 115.82 lm/W Fe = 3.000 W

Electrical parameters:

V = 229.99 V I = 0.03885 A P = 8.394 W PF = 0.9395

WHITE:ANSI_2700K

Status: Integral T = 38 ms Ip = 50982 (78%)

Model:FRESH LIGHT LED/9W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED966B
Date:2018-10-10 15:24
Humidity:65.0%
Remarks:018VA023_4918