

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: 967LEDW200

Type of light source:

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

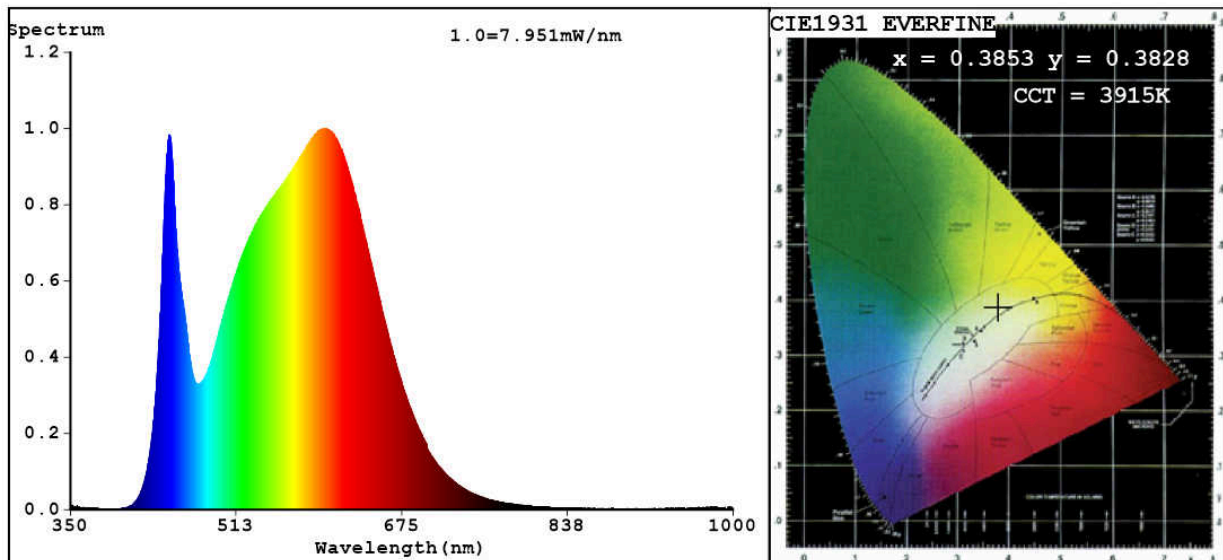
Product parameters

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	G
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°)	500 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	4 000
On-mode power (P_{on}), expressed in W	7,0	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	85
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)	0,385 0,382	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	23	Survival factor	0,50	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,80	Colour consistency in McAdam ellipses	3	
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)	0,5	Stroboscopic effect metric (SVM)	0,2	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.3853$ $y=0.3828$ $u'=0.2259$ $v'=0.5050$

CCT=3915K(Duv=0.0014) Dominant WL:Ld =578.7nm Purity=30.5%

Ratio:R=18.9% G=77.4% B=3.6%; Peak WL:Lp=598.5nm FWHM=158.7nm

Render Index:Ra=85.6

R1 =84	R2 =90	R3 =95	R4 =86	R5 =84	R6 =87	R7 =89	
R8 =70	R9 =23	R10=76	R11=85	R12=69	R13=86	R14=97	R15=79

Photo Parameters:

Flux = 466.7 lm Eff. : 63.55 lm/W Fe = 1.455 W

Electrical parameters:

V = 229.98 V I = 0.03618 A P = 7.343 W PF = 0.8825

WHITE:ANSI_4000K

Status: Integral T = 115 ms Ip = 45976 (70%)

Model:GRF967-W LED/6W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:967LEDW200
Date:2017-11-10 16:05
Humidity:65.0%
Remarks:ESPL20170909_4098