

# 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:** 98VEGA30SWW/WH

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated LED		
Mains or non-mains:	MLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

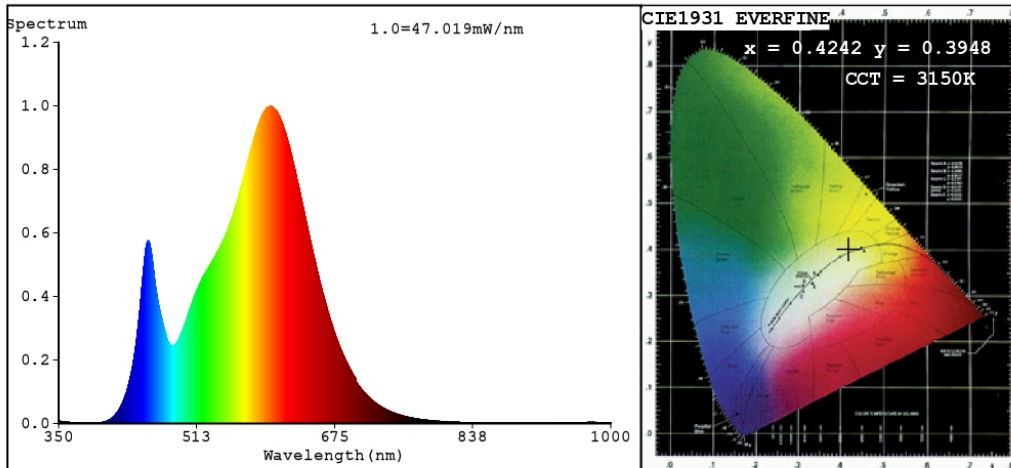
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	30	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 300 in Wide cone (120°)	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	29,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,20
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	0,20	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	81
Outer dimensions without separate control gear, lighting control	Height	173	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	136	
	Depth	36	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,424 0,394
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	827	Beam angle in degrees, or the range of beam angles that can be set	107
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	1	Survival factor	0,50
the lumen maintenance factor	0,95		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	4
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)	0,2	Stroboscopic effect metric (SVM)	0,2

(a) '-': not applicable;

(b) '-': not applicable;

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate: $x=0.4242$   $y=0.3948$ / $u'=0.2463$   $v'=0.5158$   
 CCT=3150K(Duv=-0.0019) Dominant WL:Ld =582.9nm WL:Lc = --nm Purity=45.8%  
 Ratio:R=21.9% G=75.1% B=3.0%;;Peak WL:Lp=600.5nm FWHM=124.8nm  
 Render Index:Ra=81.3

R1 =80    R2 =92    R3 =94    R4 =78    R5 =80    R6 =90    R7 =81  
 R8 =56    R9 =1    R10=81    R11=76    R12=72    R13=83    R14=98    R15=73

**Photo Parameters:**

Flux = 2323 lm    Eff. : 79.87 lm/W    Fe = 7.080 W

**Electrical parameters:**

V = 229.71 V    I = 0.1362 A    P = 29.09 W PF = 0.9294  
 WHITE:ANSI\_3000K

~~Status: Integral T = 17 ms Ip = 39839 (61%)~~

Model:LED Floodlight VEGA	Number:98VEGA30WW/WH
Tester:EB	Date:2023-03-06 11:44:10
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:0922B