

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** STELLAR

**Supplier's address:** ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

**Model identifier:** 99XLED614CWE

**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:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

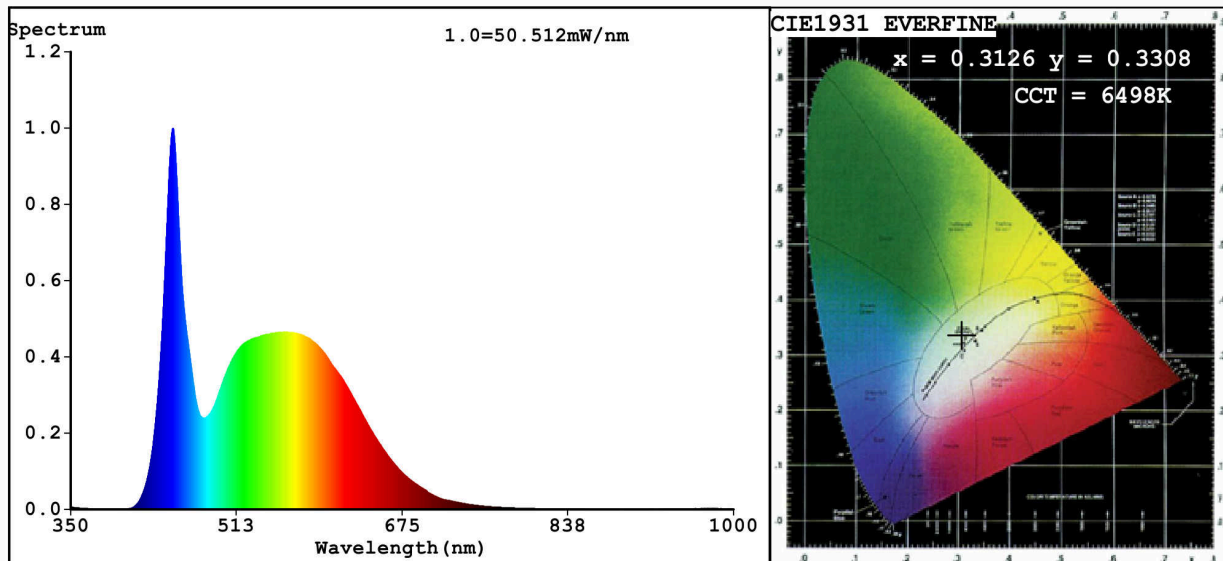
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 900 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	12,0	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	83
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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,312 0,330	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	450	Beam angle in degrees, or the range of beam angles that can be set	120	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	9	Survival factor	0,00	
the lumen maintenance factor	1,00			

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3126$   $y=0.3308$   $u'=0.1971$   $v'=0.4693$   
CCT=6498K (Duv=0.0042) Dominant WL:  $\lambda_d = 490.1\text{nm}$  WL:  $\lambda_c = \text{--nm}$  Purity=7.2%  
Ratio: R=13.3% G=81.1% B=5.6% Peak WL:  $\lambda_p = 450.6\text{nm}$  FWHM=22.3nm  
Render Index:  $R_a = 83.3$

R1 =81	R2 =87	R3 =91	R4 =83	R5 =82	R6 =82	R7 =89
R8 =71	R9 =9	R10=69	R11=83	R12=60	R13=83	R14=95 R15=77

### Photo Parameters:

Flux = 1537 lm Eff. : 80.88 lm/W  $P_e = 4.996\text{ W}$

### Electrical parameters:

V = 219.98 V I = 0.1690 A P = 19.01 W PF = 0.5113  
WHITE: ANSI\_6500K

Status: Integral T = 28 ms  $I_p = 54452$  (83%)

Model: LED PANEL ROUND  
Tester: Atanas DAKOV  
Temperature: 25.3Deg  
Manufacturer: ELMARK

Number: 99XLED614CW  
Date: 2021-03-16 14:11:28  
Humidity: 65.0%  
Remarks: 7455