

# 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:** 99XLED609CW

## 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:	Yes		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

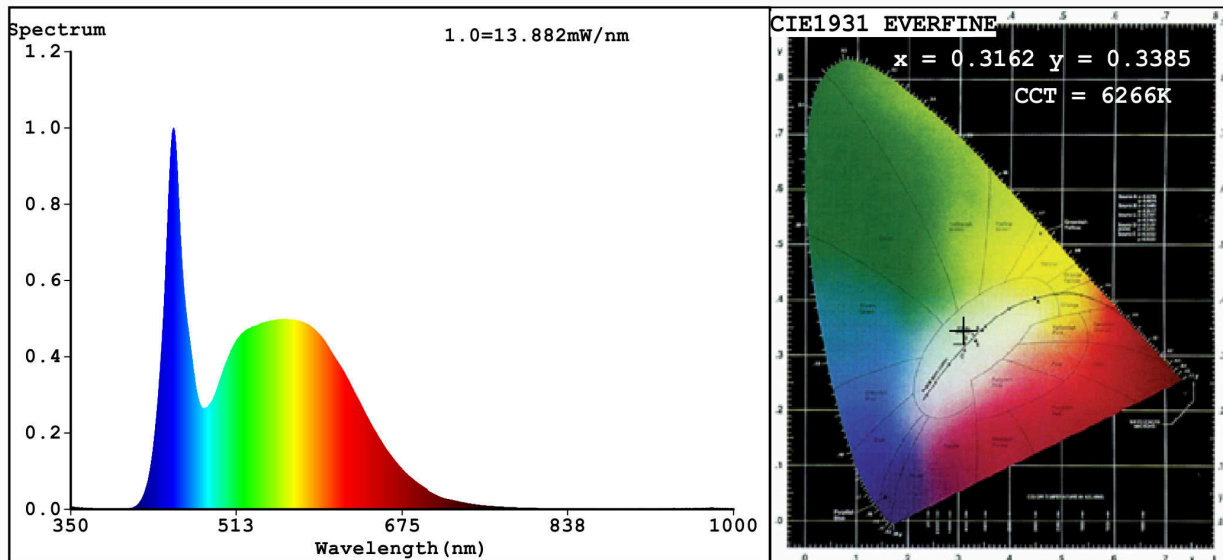
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	400 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	6 200
On-mode power ( $P_{on}$ ), expressed in W	6,3	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	82
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,316 0,338	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	106	Beam angle in degrees, or the range of beam angles that can be set	112	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	9	Survival factor	0,50	
the lumen maintenance factor	0,93			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,40	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)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) '-': not applicable;

(b) '-': not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3162$   $y=0.3385$   $u'=0.1967$   $v'=0.4738$   
CCT=6266K (Duv=0.0063) Dominant WL:Ld =495.6nm WL:Lc = --nm Purity=5.5%  
Ratio:R=13.3% G=81.1% B=5.6%; Peak WL:Lp=450.7nm FWHM=23.0nm  
Render Index:Ra=82.8

R1 =80	R2 =87	R3 =92	R4 =82	R5 =81	R6 =83	R7 =88
R8 =68	R9 =3	R10=70	R11=81	R12=59	R13=82	R14=96 R15=75

### Photo Parameters:

Flux = 452.3 lm Eff. : 70.82 lm/W Fe = 1.447 W

### Electrical parameters:

V = 220.01 V I = 0.06207 A P = 6.386 W PF = 0.4676  
WHITE:ANSI\_6500K

Status: Integral T = 84 ms Ip = 49383 (75%)

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

Number:99XLED609CW  
Date:2021-03-16 14:19:46  
Humidity:65.0%  
Remarks:7455