

# 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:** 99XLED627E

## 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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

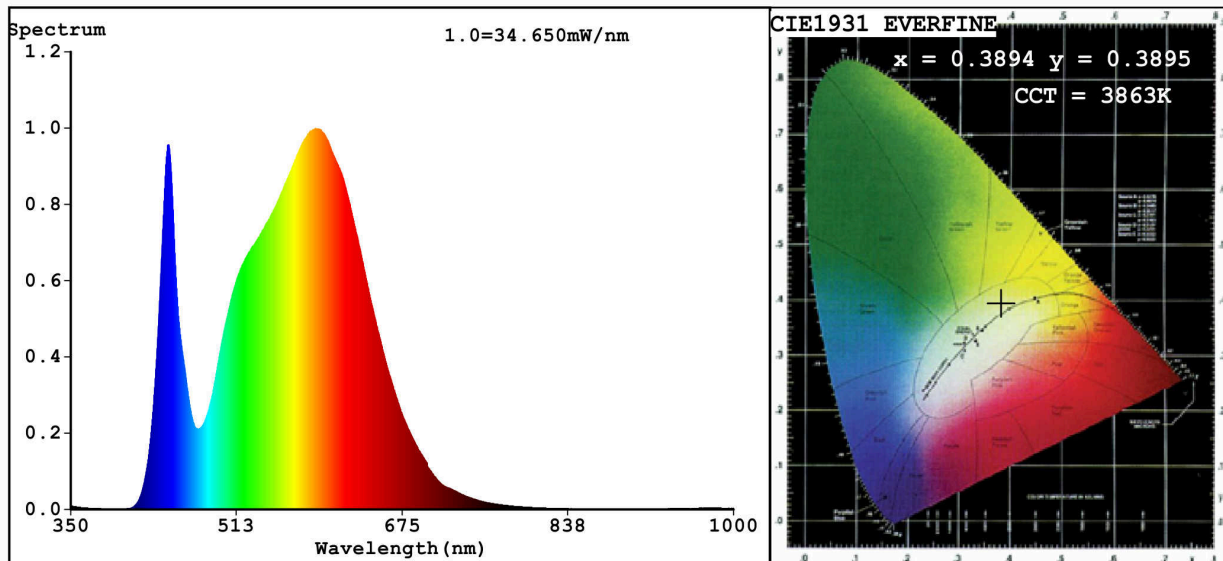
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 900 in 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	4 000
On-mode power ( $P_{on}$ ), expressed in W	24,6	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	79
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)	0,389 0,389	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	590	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	0	Survival factor	0,50	
the lumen maintenance factor	0,93			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,50	Colour consistency in McAdam ellipses	5	
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:  $x=0.3894$   $y=0.3895$   $u'=0.2259$   $v'=0.5084$   
CCT=3863K (Duv=0.0033) Dominant WL:Ld =578.0nm WL:Lc = --nm Purity=33.7%  
Ratio:R=18.0% G=78.9% B=3.0%; Peak WL:Lp=590.1nm FWHM=146.0nm  
Render Index:Ra=79.8

R1 =77	R2 =85	R3 =93	R4 =80	R5 =78	R6 =81	R7 =85
R8 =60	R9 =0	R10=66	R11=79	R12=62	R13=78	R14=96
						R15=70

### Photo Parameters:

Flux = 1965 lm Eff. : 79.59 lm/W Fe = 5.809 W

### Electrical parameters:

V = 220.00 V I = 0.2205 A P = 24.69 W PF = 0.5088

WHITE:ANSI\_4000K

Status: Integral T = 19 ms Ip = 32544 (50%)

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

Number:99XLED627  
Date:2021-03-16 10:12:06  
Humidity:65.0%  
Remarks:7455