

# 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:** 99XLED625

## 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

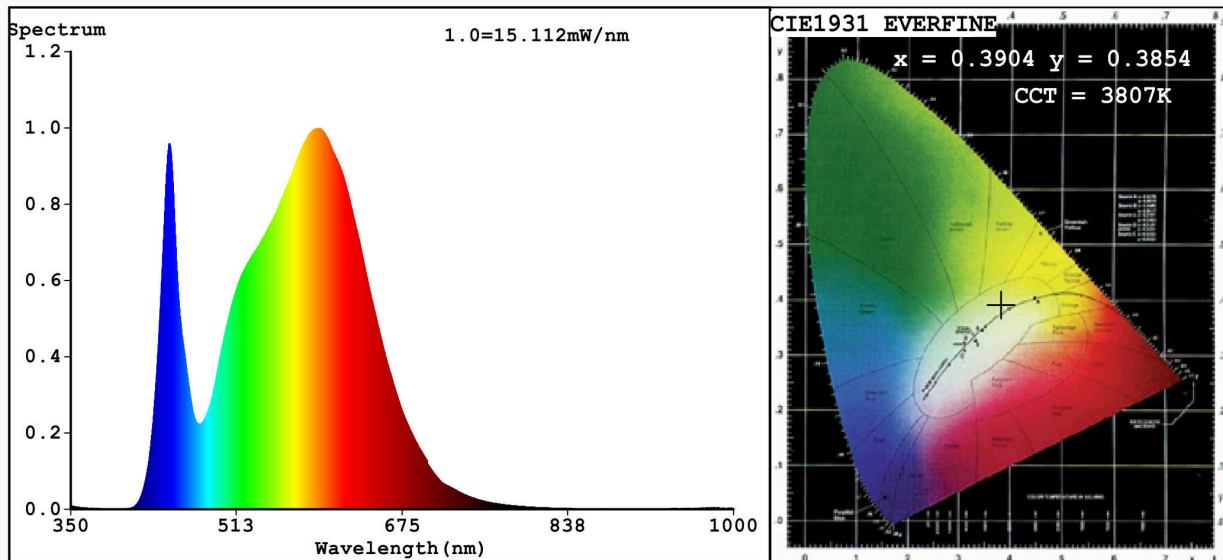
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 000 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	12,3	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	80
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)	0,390 0,385	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	345	Beam angle in degrees, or the range of beam angles that can be set	114	
<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	0	
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:  $x=0.3904$   $y=0.3854$   $u'=0.2281$   $v'=0.5068$   
 CCT=3807K (Duv=0.0012) Dominant WL:Ld =579.2nm WL:Lc = --nm Purity=32.8%  
 Ratio:R=18.5% G=78.4% B=3.1%; Peak WL:Lp=592.5nm FWHM=145.6nm  
 Render Index:Ra=80.8

R1 =78	R2 =86	R3 =94	R4 =80	R5 =79	R6 =82	R7 =85
R8 =61	R9 =0	R10=69	R11=79	R12=63	R13=80	R14=97
						R15=72

### Photo Parameters:

Flux = 846.1 lm Eff. : 68.54 lm/W Fe = 2.533 W

### Electrical parameters:

V = 220.00 V I = 0.1189 A P = 12.34 W PF = 0.4719

WHITE:ANSI\_4000K

Status: Integral T = 56 ms Ip = 39693 (61%)

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

Number:99XLED625  
 Date:2021-02-11 11:11:52  
 Humidity:65.0%  
 Remarks:7388