

# 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:** 99XLED610

## 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

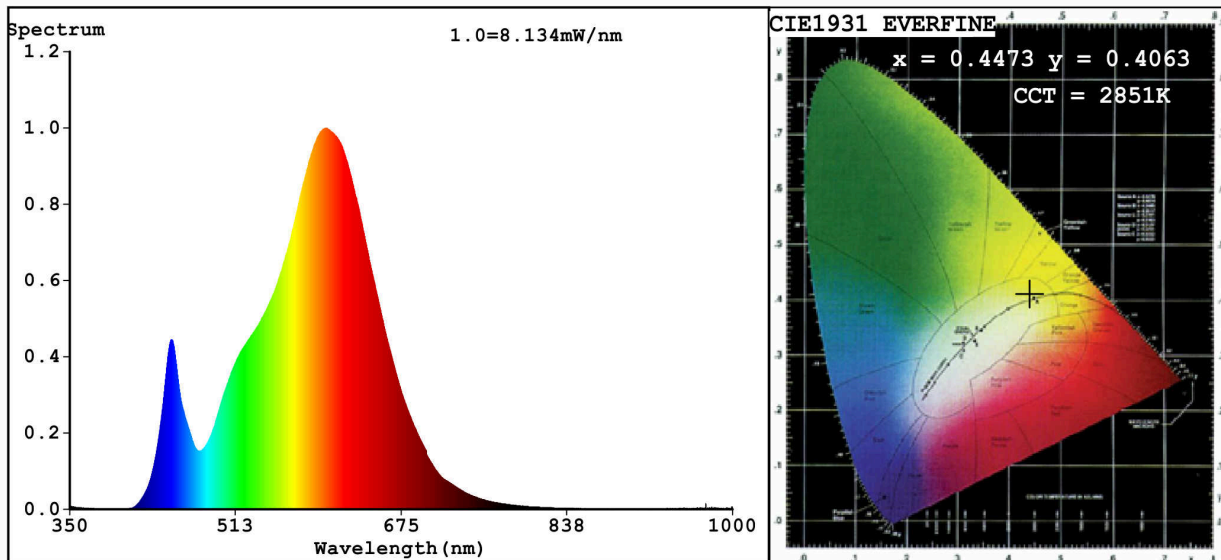
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	380 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	2 700
On-mode power ( $P_{on}$ ), expressed in W	6,5	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	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)	0,447 0,406	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	104	Beam angle in degrees, or the range of beam angles that can be set	113	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	1	Survival factor	0,00	
the lumen maintenance factor	0,95			
<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:  $x=0.4473$   $y=0.4063$   $u'=0.2563$   $v'=0.5238$   
 $CCT=2851K$  ( $Duv=-0.0004$ ) Dominant WL:  $Ld = 583.6nm$  WL:  $Lc = --nm$  Purity=56.2%  
 Ratio:  $R=23.7\%$   $G=74.0\%$   $B=2.3\%$ ; Peak WL:  $Lp=601.1nm$  FWHM=118.6nm  
 Render Index:  $Ra=81.1$

R1 =79	R2 =90	R3 =96	R4 =79	R5 =80	R6 =89	R7 =81
R8 =55	R9 =1	R10=78	R11=78	R12=73	R13=82	R14=98 R15=71

### Photo Parameters:

Flux = 384.1 lm Eff. : 58.45 lm/W  $Fe = 1.169 W$

### Electrical parameters:

$V = 220.08 V$   $I = 0.06167 A$   $P = 6.571 W$  PF = 0.4842

WHITE:ANSI\_2700K

Status: Integral T = 89 ms  $I_p = 35230 (54\%)$

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

Number:99XLED610  
 Date:2021-02-11 09:54:46  
 Humidity:65.0%  
 Remarks:7388