

# 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:** 99XLED620CW

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

## Product parameters

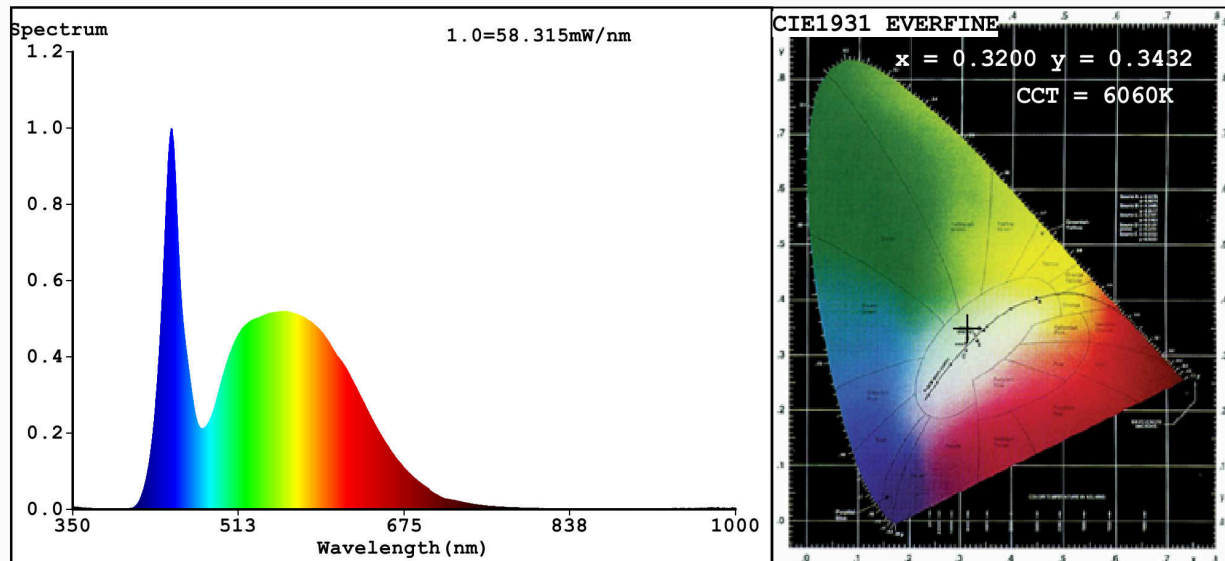
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 000 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	6 000
On-mode power ( $P_{on}$ ), expressed in W	24,7	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)	0,320 0,343	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	701	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	0	Survival factor	0,00	
the lumen maintenance factor	1,00			

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3200$   $y=0.3432$   $u'=0.1976$   $v'=0.4768$   
 CCT=6060K (Duv=0.0068) Dominant WL:Ld =501.5nm WL:Lc = --nm Purity=4.1%  
 Ratio:R=13.3% G=81.8% B=4.9%; Peak WL:Lp=446.9nm FWHM=21.2nm  
 Render Index:Ra=80.5

R1 =78	R2 =83	R3 =88	R4 =82	R5 =80	R6 =79	R7 =87
R8 =68	R9 =0	R10=62	R11=81	R12=61	R13=79	R14=94
						R15=72

### Photo Parameters:

Flux = 1949 lm Eff. : 78.72 lm/W Fe = 6.174 W

### Electrical parameters:

V = 220.00 V I = 0.2199 A P = 24.76 W PF = 0.5117  
 WHITE:ANSI\_6500K

Status: Integral T = 18 ms Ip = 45375 (69%)

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

Number:99XLED620CW  
 Date:2020-10-06 13:09:39  
 Humidity:65.0%  
 Remarks:7060