

# 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:** 99XLED352

**Type of light source:**

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G13		
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

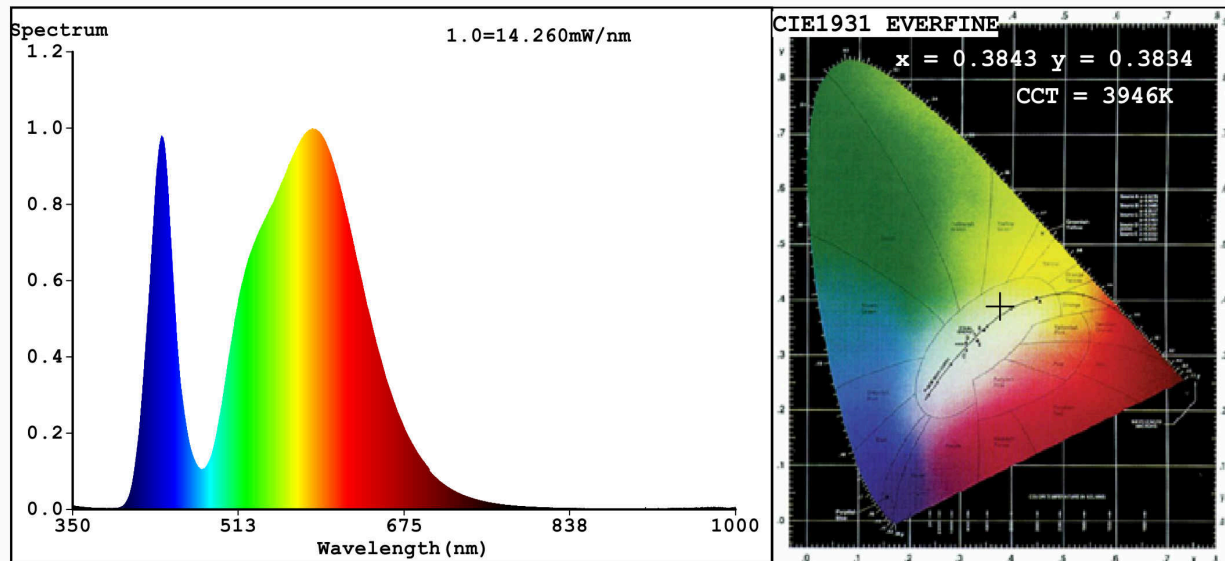
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	670 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	4 000
On-mode power ( $P_{on}$ ), expressed in W	9,0	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	71
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>	Yes	If yes, equivalent power (W)	61	
		Chromaticity coordinates (x and y)	0,384 0,383	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	0	Survival factor	0,90	
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	4	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	Yes <sup>(b)</sup>	If yes then replacement claim (W)	61	
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:  $x=0.3843$   $y=0.3834$   $u'=0.2250$   $v'=0.5050$   
 CCT=3946K (Duv=0.0019) Dominant WL:  $\lambda_d = 578.3\text{nm}$  WL:  $\lambda_c = \text{--nm}$  Purity=30.4%  
 Ratio: R=16.9% G=81.0% B=2.1%; Peak WL:  $\lambda_p = 585.1\text{nm}$  FWHM=132.6nm  
 Render Index:  $R_a = 71.7$

R1 =69	R2 =77	R3 =84	R4 =73	R5 =70	R6 =69	R7 =79
R8 =53	R9 =0	R10=47	R11=72	R12=50	R13=70	R14=91 R15=61

### Photo Parameters:

Flux = 796.0 lm Eff. : 84.21 lm/W  $\Phi_e = 2.351\text{ W}$

### Electrical parameters:

V = 219.91 V I = 0.07589 A P = 9.453 W PF = 0.5664

WHITE: ANSI\_4000K

Status: Integral T = 44 ms  $I_p = 33296$  (51%)

Model: LED TUBE T8  
 Tester: Atanas DAKOV  
 Temperature: 25.3Deg  
 Manufacturer: ELMARK

Number: 99XLED352  
 Date: 2020-04-16 10:03:04  
 Humidity: 65.0%  
 Remarks: 6476