

# 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:** -

**Model identifier:** 99LED743CW

**Type of light source:**

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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

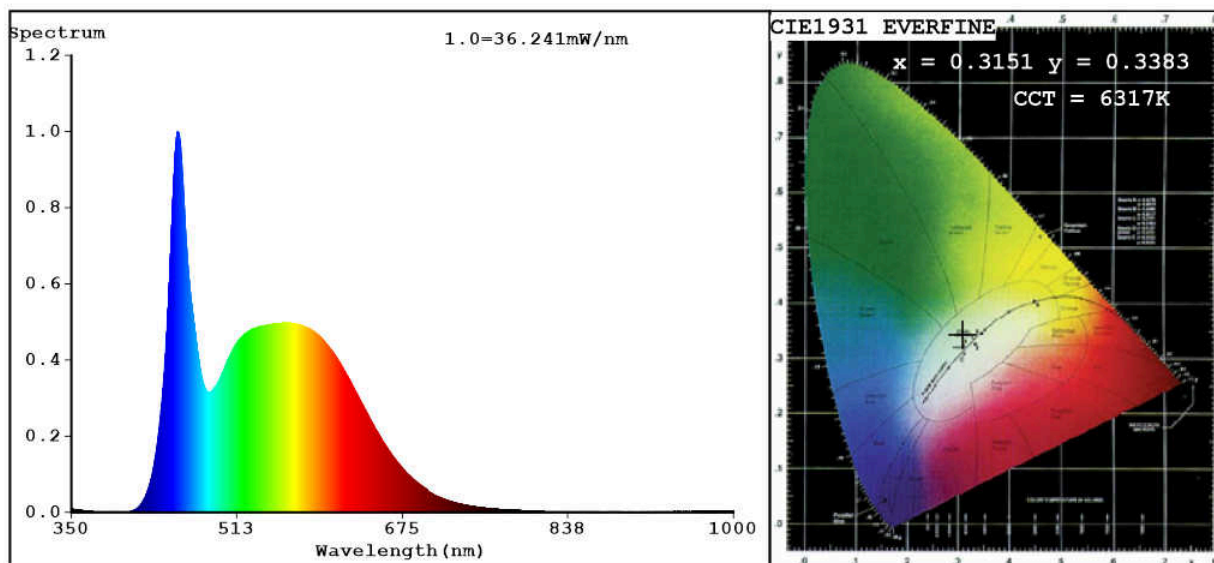
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 200 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	6 400
On-mode power ( $P_{on}$ ), expressed in W	15,0	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	84
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>	Yes	If yes, equivalent power (W)	100	
		Chromaticity coordinates (x and y)	0,315 0,338	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	14	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.	Yes <sup>(b)</sup>	If yes then replacement claim (W)	100	
Flicker metric (Pst LM)	0,6	Stroboscopic effect metric (SVM)	0,2	

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3151$   $y=0.3383$   $u'=0.1961$   $v'=0.4736$   
 CCT=6317K (Duv=0.0067) Dominant WL:  $L_d = 495.2\text{nm}$  WL:  $L_c = \text{--nm}$  Purity=5.9%  
 Ratio: R=13.6% G=80.2% B=6.2%; Peak WL:  $L_p = 454.3\text{nm}$  FWHM=26.1nm  
 Render Index:  $R_a = 84.9$

R1 =83	R2 =92	R3 =95	R4 =81	R5 =83	R6 =87	R7 =88
R8 =70	R9 =14	R10=79	R11=81	R12=60	R13=86	R14=98
						R15=78

### Photo Parameters:

Flux = 1194 lm Eff. : 111.81 lm/W  $F_e = 3.882\text{ W}$

### Electrical parameters:

V = 228.42 V I = 0.08683 A P = 10.68 W PF = 0.5386

WHITE:ANSI\_6500K

Status: Integral T = 31 ms  $I_p = 47421$  (72%)

Model:LED PEAR A60  
 Tester:Atanas DAKOV  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED743CW  
 Date:2022-07-14 16:20:57  
 Humidity:65.0%  
 Remarks:PART. NA