

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: 99XLED615

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

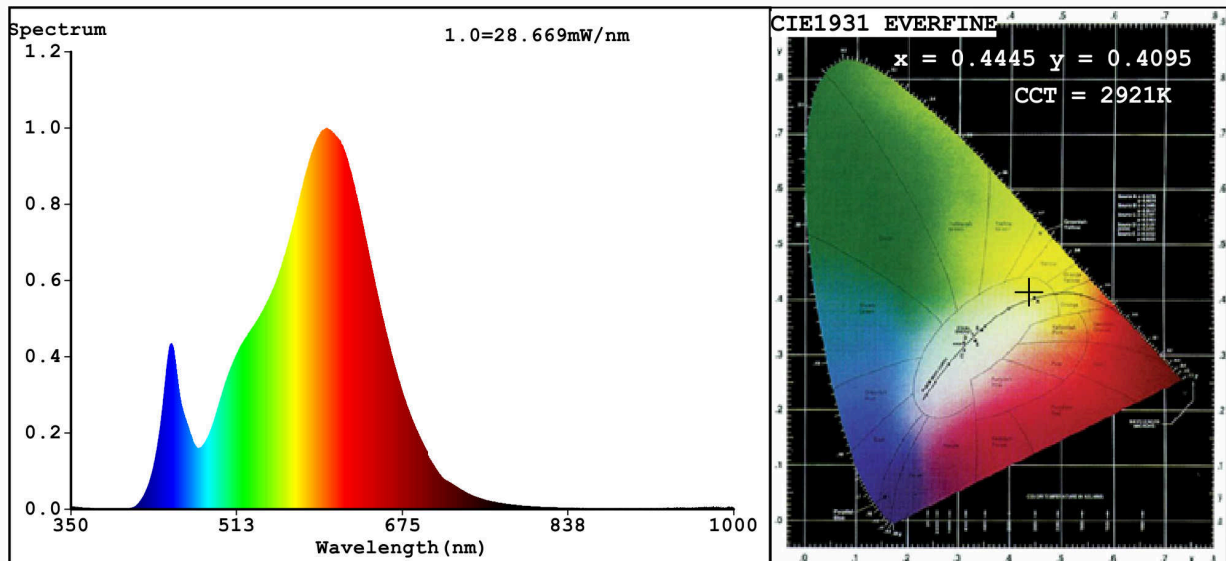
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 300 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	3 000
On-mode power (P_{on}), expressed in W	18,4	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 ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,444 0,409	
Parameters for directional light sources:				
Peak luminous intensity (cd)	418	Beam angle in degrees, or the range of beam angles that can be set	114	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	1	Survival factor	0,00	
the lumen maintenance factor	1,00			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4445$ $y=0.4095$ $u'=0.2531$ $v'=0.5246$
 CCT=2921K (Duv=0.0012) Dominant WL: $\lambda_d = 582.8\text{nm}$ WL: $\lambda_c = \text{--nm}$ Purity=56.3%
 Ratio: R=23.1% G=74.5% B=2.4% ; Peak WL: $\lambda_p = 601.1\text{nm}$ FWHM=122.1nm
 Render Index: $R_a = 81.3$

R1 =79	R2 =90	R3 =97	R4 =80	R5 =80	R6 =88	R7 =82
R8 =56	R9 =1	R10=77	R11=79	R12=72	R13=81	R14=99 R15=71

Photo Parameters:

Flux = 1382 lm Eff. : 75.08 lm/W $P_e = 4.170\text{ W}$

Electrical parameters:

V = 220.00 V I = 0.1652 A P = 18.41 W PF = 0.5066
 WHITE: ANSI_3000K

Status: Integral T = 39 ms $I_p = 55353$ (84%)

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

Number: 99XLED615
 Date: 2020-10-06 11:17:58
 Humidity: 65.0%
 Remarks: 7060