

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: 99XLED611E

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

Product parameters

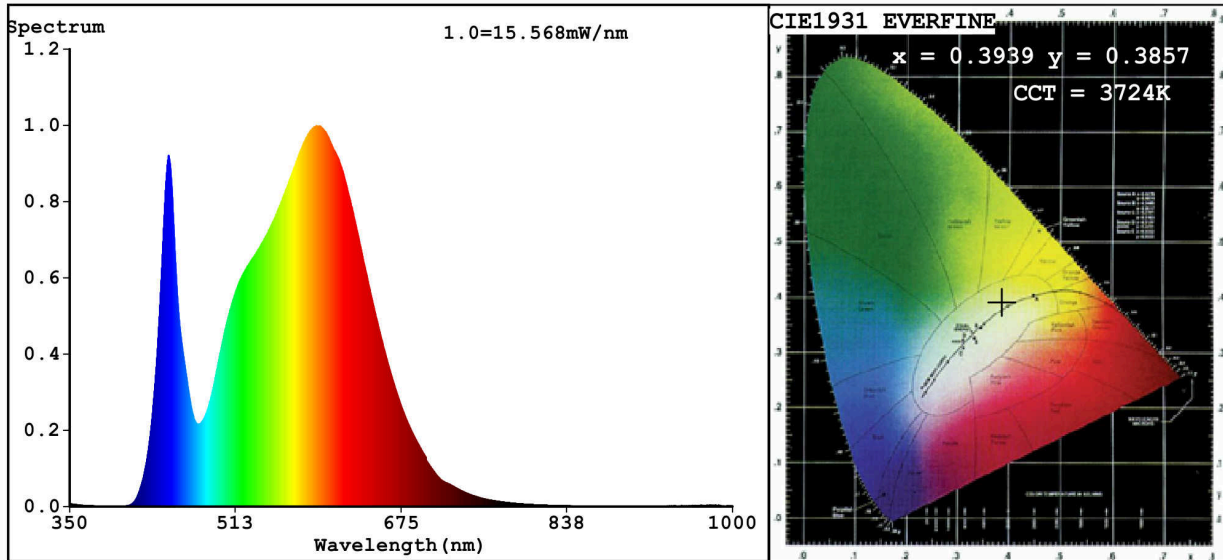
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 200 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	4 000
On-mode power (P_{on}), expressed in W	12,0	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	81
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 ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,393 0,385
Parameters for directional light sources:			
Peak luminous intensity (cd)	592	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:			
R9 colour rendering index value	1	Survival factor	0,00
the lumen maintenance factor	0,95		

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3939$ $y=0.3857$ / $u'=0.2303$ $v'=0.5074$
 CCT=3724K (Duv=0.0005) Dominant WL: $L_d = 579.9\text{nm}$ WL: $L_c = \text{--nm}$ Purity=34.0%
 Ratio: R=18.9% G=78.0% B=3.1% ; Peak WL: $L_p = 592.1\text{nm}$ FWHM=145.0nm
 Render Index: $R_a = 81.2$

R1 =79 R2 =87 R3 =94 R4 =81 R5 =79 R6 =83 R7 =85
 R8 =61 R9 =1 R10=70 R11=80 R12=65 R13=81 R14=97 R15=72

Photo Parameters:

Flux = 860.3 lm Eff. : 68.56 lm/W Fe = 2.585 W

Electrical parameters:

V = 219.96 V I = 0.1120 A P = 12.55 W PF = 0.5092
 WHITE: ANSI_4000K

Status: Integral T = 59 ms Ip = 44699 (68%)

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

Number: 99XLED611
 Date: 2021-01-14 10:08:54
 Humidity: 65.0%
 Remarks: 7293