

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: 99XLED611CW

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

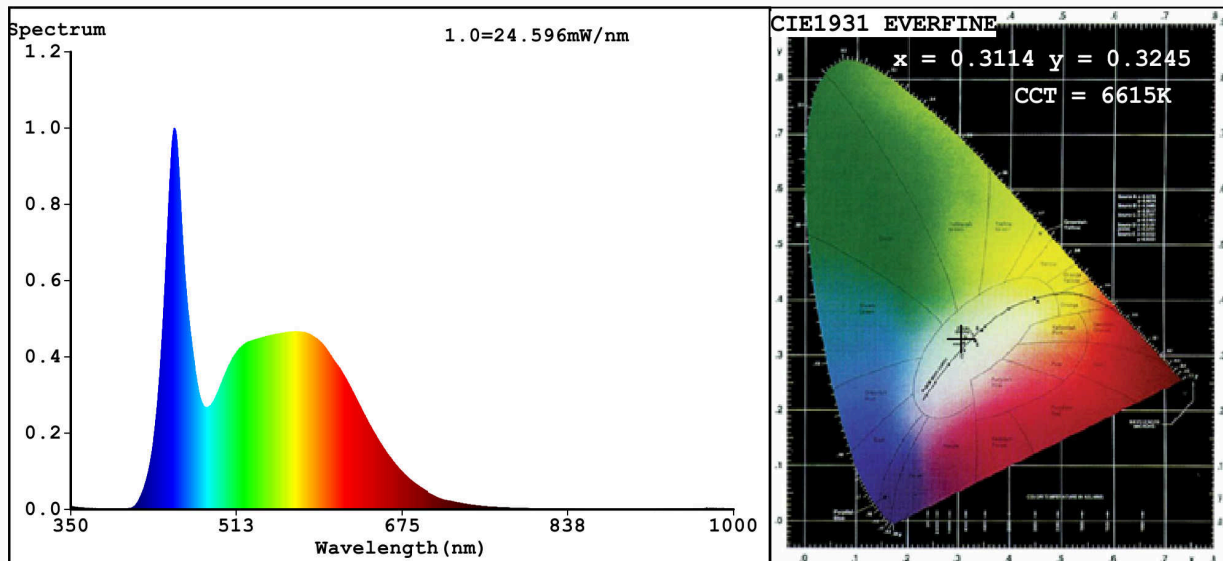
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	6 500
On-mode power (P_{on}), expressed in W	12,0	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	85
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)	0,311 0,324	
Parameters for directional light sources:				
Peak luminous intensity (cd)	258	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	18	Survival factor	0,00	
the lumen maintenance factor	1,00			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3114$ $y=0.3245$ $u'=0.1986$ $v'=0.4657$
 CCT=6615K (Duv=0.0015) Dominant WL: $\lambda_d = 486.4\text{nm}$ WL: $\lambda_c = \text{--nm}$ Purity=8.1%
 Ratio: R=13.7% G=80.3% B=6.0% ; Peak WL: $\lambda_p = 451.8\text{nm}$ FWHM=25.2nm
 Render Index: $R_a = 85.5$

R1 =84	R2 =90	R3 =93	R4 =85	R5 =85	R6 =85	R7 =89
R8 =73	R9 =18	R10=76	R11=85	R12=62	R13=86	R14=96 R15=80

Photo Parameters:

Flux = 757.9 lm Eff. : 65.72 lm/W Fe = 2.502 W

Electrical parameters:

V = 220.06 V I = 0.1066 A P = 11.53 W PF = 0.4914
 WHITE: ANSI_6500K

Status: Integral T = 65 ms Ip = 51253 (78%)

Model: LIGHTING SOLUTIONS
 Tester: Atanas DAKOV
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 99XLED611CW
 Date: 2020-03-11 13:01:55
 Humidity: 65.0%
 Remarks: 6474