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: 99XLED312

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

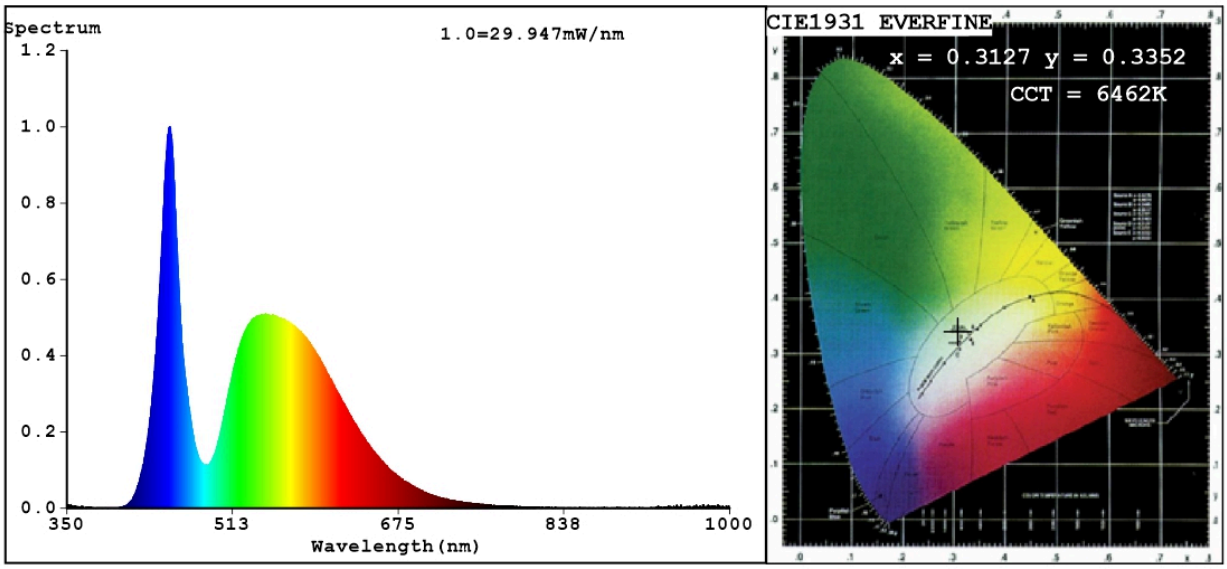
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	880 in Wide cone (120°)	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	11,7	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	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	72
Outer dimensions without — Height	1 000	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	8		
Outer dimensions without — Depth	2		

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)	0,312 0,335
Parameters for directional light sources:				
Peak luminous intensity (cd)		450	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		0	Survival factor	0,50
the lumen maintenance factor		0,95		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3127 y=0.3352/u'=0.1955 v'=0.4716

CCT=6462K(Duv=0.0063) Dominant WL:Ld =492.9nm Purity=6.9%

Ratio:R=11.9% G=84.1% B=4.0%¡¡Peak WL:Lp=450.9nm FWHM=22.0nm

Render Index:Ra=72.4

R1 =69	R2 =76	R3 =79	R4 =73	R5 =71	R6 =68	R7 =83	
R8 =61	R9 =0	R10=42	R11=70	R12=40	R13=70	R14=88	R15=65

Photo Parameters:

Flux = 899.7 lm Eff. : 76.63 lm/W Fe = 2.785 W

Electrical parameters:

V = 12.080 V I = 0.9720 A P = 11.74 W PF = 1.000

WHITE:ANSI_6500K

Status: Integral T = 31 ms Ip = 51481 (79%)

Model:LED 300/4.8W/m	Number:99XLED312
Tester:Petya Marinova	Date:2019-01-24 14:31
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O18V034A_5103