

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: 99XLED313

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

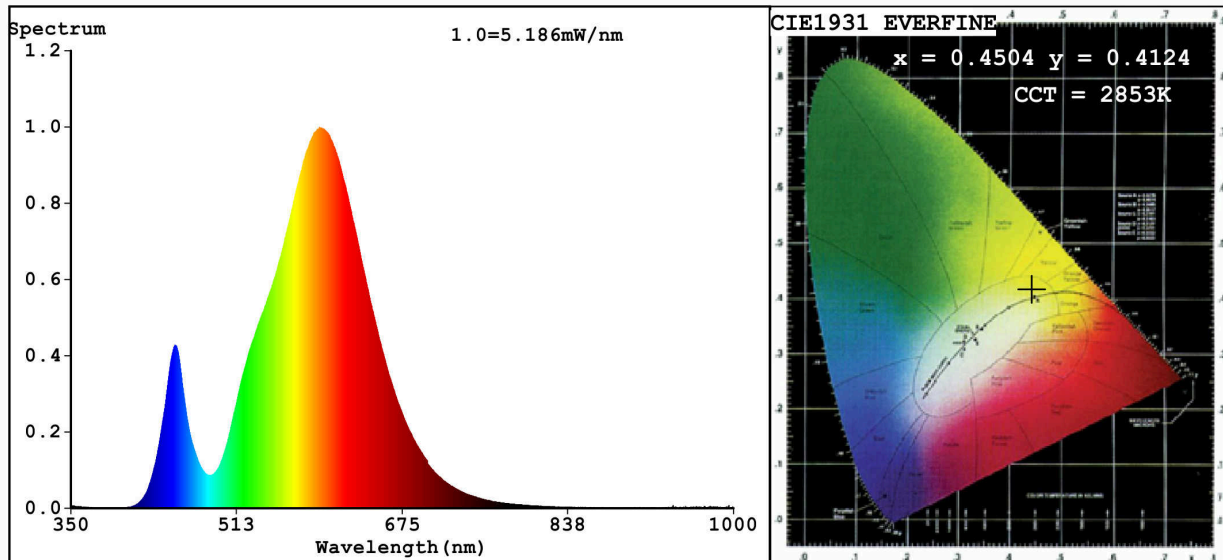
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	240 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	3 000
On-mode power (P_{on}), expressed in W	3,6	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	70
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)	0,450 0,412
Parameters for directional light sources:				
Peak luminous intensity (cd)	593		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	0,90
the lumen maintenance factor	0,95			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4504$ $y=0.4124$ $u'=0.2556$ $v'=0.5266$
 CCT=2853K (Duv=0.0016) Dominant WL:Ld =582.9nm WL:Lc = --nm Purity=59.0%
 Ratio:R=22.0% G=76.5% B=1.5%; Peak WL:Lp=593.8nm FWHM=111.7nm
 Render Index:Ra=70.5 AvgR=63.1 TM30:Rf=74 Rg=93 Lav=589.3nm

R1 =66	R2 =81	R3 =94	R4 =65	R5 =65	R6 =73	R7 =77
R8 =42	R9 =0	R10=57	R11=58	R12=44	R13=69	R14=96 R15=59

Photo Parameters:

Flux = 242.4 lm Eff. : 65.64 lm/W Fe = 689.4 mW

Electrical parameters:

V = 12.080 V I = 0.3057 A P = 3.693 W PF = 1.000
 WHITE:ANSI_2700K

Status: Integral T = 177 ms Ip = 44616 (68%)

Model:LED LAMPS AND COMPONENTS
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED313
 Date:2021-08-24 10:12:21
 Humidity:65.0%
 Remarks: