

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: 99XLED321

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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

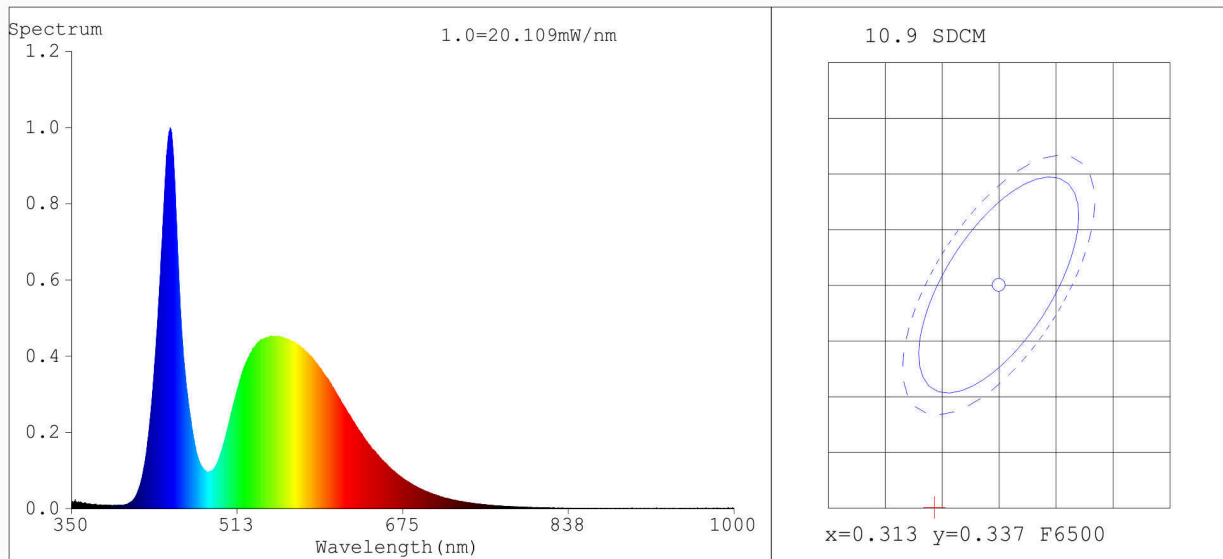
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	539 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	4 000
On-mode power (P_{on}), expressed in W	9,0	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	72
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)	0,307 0,316	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	-	
the lumen maintenance factor	-			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3073$ $y=0.3169$ $u'=0.1987$ $v'=0.4609$
CCT=6934K (Duv=-0.0003) Dominant WL:Ld =483.1nm WL:Lc = --nm Purity=10.2%
Ratio:R=12.2% G=83.9% B=3.9% Peak WL:Lp=446.9nm FWHM=22.8nm
Render Index:Ra=72.7 AvgR=64.3 TM30:Rf=73 Rg=94

R1 =73	R2 =75	R3 =73	R4 =75	R5 =74	R6 =66	R7 =80	
R8 =65	R9 =0	R10=38	R11=74	R12=44	R13=72	R14=85	R15=70

Photo Parameters:

Flux = 539.9 lm Eff. : 60.19 lm/W Fe = 1.760 W

Electrical parameters:

V = 11.999 V I = 0.7476 A P = 8.970 W PF = 1.000

Status: Integral T = 936 ms Ip = 51872 (79%)