

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: 99XLED310

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

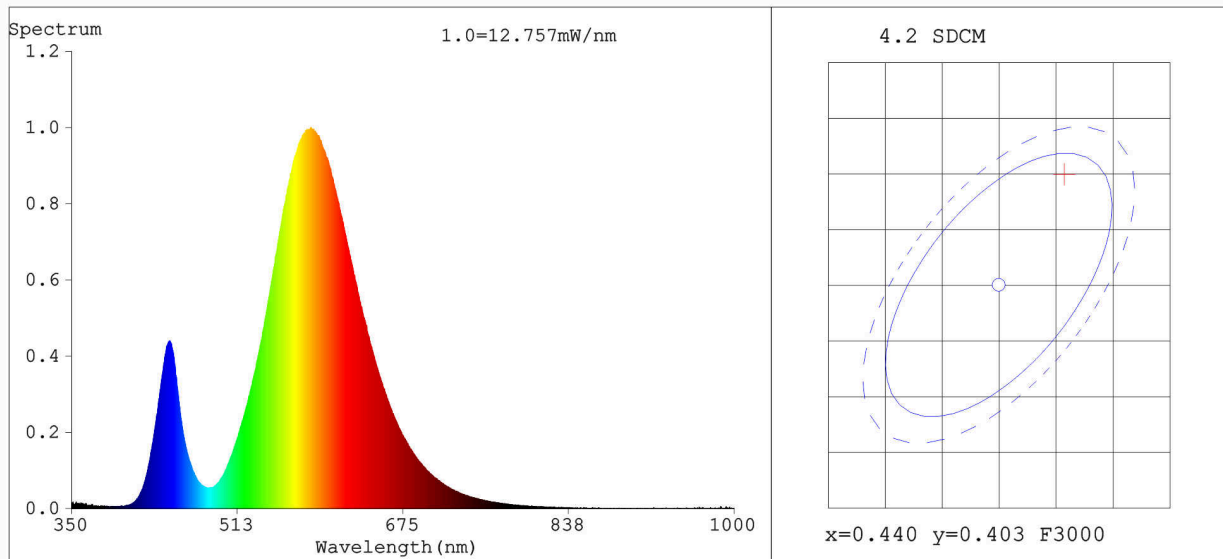
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	581 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	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	58
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)	0,445 0,412
Parameters for directional light sources:				
Peak luminous intensity (cd)	585		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	0,00
the lumen maintenance factor	0,00			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4458$ $y=0.4129$ $u'=0.2524$ $v'=0.5261$
CCT=2928K (Duv=0.0023) Dominant WL:Ld =582.4nm WL:Lc = --nm Purity=57.8%
Ratio:R=19.4% G=79.4% B=1.2% Peak WL:Lp=585.0nm FWHM=96.9nm
Render Index:Ra=58.1 AvgR=49.9 TM30:Rf=63 Rg=88

R1 =51	R2 =72	R3 =89	R4 =49	R5 =49	R6 =57	R7 =72	
R8 =26	R9 =0	R10=35	R11=34	R12=22	R13=54	R14=94	R15=45

Photo Parameters:

Flux = 581.7 lm Eff. : 60.06 lm/W Fe = 1.569 W

Electrical parameters:

V = 11.999 V I = 0.8072 A P = 9.686 W PF = 1.000

Status: Integral T = 936 ms Ip = 49490 (76%)