

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: 99XLED307

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

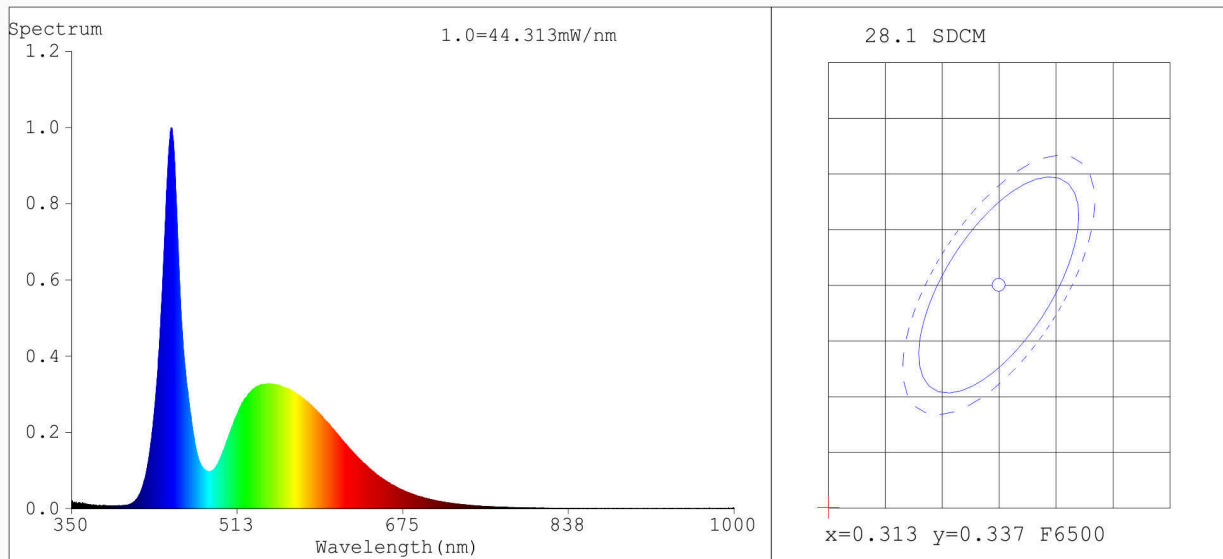
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	858 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	6 000
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	75
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)	0,280 0,284
Parameters for directional light sources:				
Peak luminous intensity (cd)	447		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: $x=0.2808$ $y=0.2841/u'=0.1921$ $v'=0.4372$
CCT=10246K (Duv=-0.0024) Dominant WL:Ld =478.1nm WL:Lc = --nm Purity=22.4%
Ratio:R=11.0% G=83.7% B=5.3% Peak WL:Lp=447.6nm FWHM=20.4nm
Render Index:Ra=75.4 AvgR=66.7 TM30:Rf=73 Rg=93

R1 =77	R2 =76	R3 =72	R4 =79	R5 =78	R6 =68	R7 =82	
R8 =71	R9 =0	R10=40	R11=79	R12=44	R13=76	R14=84	R15=75

Photo Parameters:

Flux = 858.5 lm Eff. : 93.09 lm/W Fe = 3.011 W

Electrical parameters:

V = 11.999 V I = 0.7686 A P = 9.222 W PF = 1.000

Status: Integral T = 403 ms Ip = 49485 (76%)