

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: 99XLED306

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:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

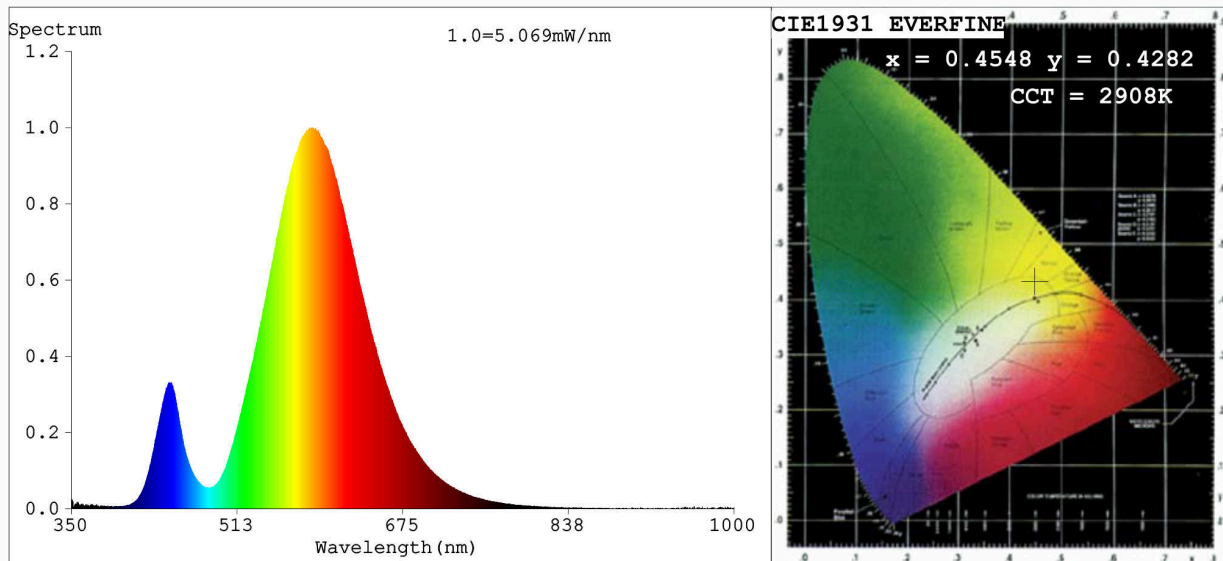
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	240 in Sphere (360°)	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	4,8	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	60
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)	0,454 0,428	
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	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	1,00	Colour consistency in McAdam ellipses	0	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) - : not applicable;

(b) - : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4548$ $y=0.4282$ $u'=0.2516$ $v'=0.5331$
CCT=2908K(Duv=0.0070) Dominant WL:Ld =581.1nm WL:Lc = --nm Purity=65.1%
Ratio:R=19.8% G=79.2% B=1.0% Peak WL:Lp=585.7nm FWHM=104.5nm
Render Index:Ra=60.6 AvgR=52.0

R1 =54 R2 =72 R3 =89 R4 =54 R5 =51 R6 =58 R7 =75
R8 =31 R9 =0 R10=36 R11=40 R12=22 R13=56 R14=93 R15=47

Photo Parameters:

Flux = 239.2 lm Eff. : 50.93 lm/W Fe = 640.3 mW

Electrical parameters:

V = 11.999 V I = 0.3915 A P = 4.698 W PF = 1.000

Status: Integral T = 2477 ms Ip = 48945 (75%)