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: 99XLED315

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

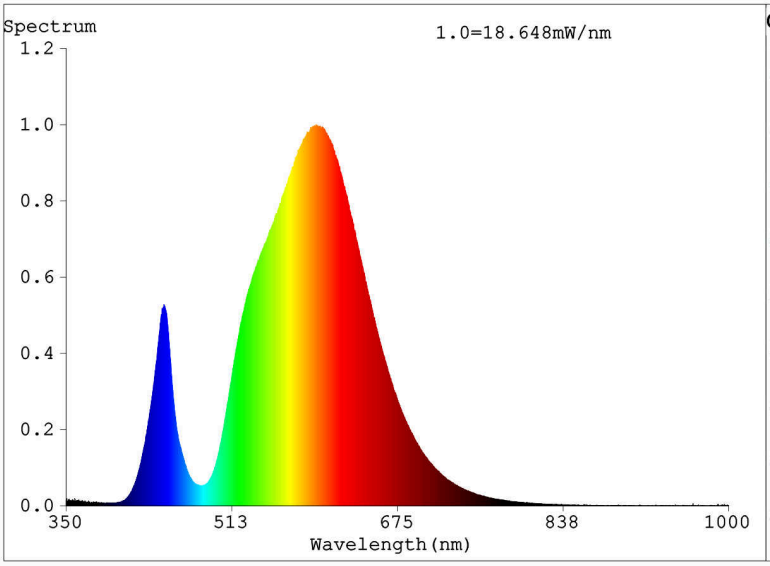
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	500 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	9,6	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	1 000	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	8		
Outer dimensions without — Depth	3		

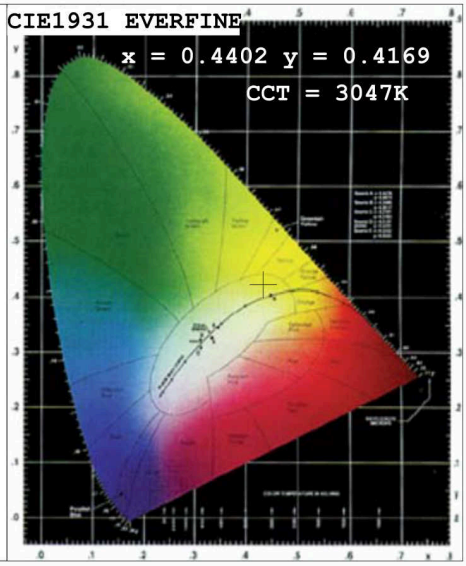
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,440 0,416
Parameters for directional light sources:				
Peak luminous intensity (cd)		595	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	1,00
the lumen maintenance factor		1,00		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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=0.4402 y=0.4169/u'=0.2472 v'=0.5268

CCT=3047K(Duv=0.0046) Dominant WL:Ld =581.1nm WL:Lc = --nm Purity=57.3%

Ratio:R=20.8% G=78.0% B=1.1% Peak WL:Lp=595.3nm FWHM=128.5nm

Render Index:Ra=70.9 AvgR=62.6

R1 =68	R2 =78	R3 =86	R4 =70	R5 =66	R6 =68	R7 =81	
R8 =50	R9 =0	R10=48	R11=64	R12=38	R13=69	R14=92	R15=61

Photo Parameters:

Flux = 950.3 lm Eff. : 97.76 lm/W Fe = 2.707 W

Electrical parameters:

V = 11.999 V I = 0.8101 A P = 9.720 W PF = 1.000

Status: Integral T = 718 ms Ip = 50789 (77%)

Model: **LED 600 / 300 STELLAR**
Tester:
Temperature:25.3Deg
Manufacturer:

Number: 99XLED315
Date:2021-07-14 10:24:33
Humidity:65.0%
Remarks: