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: 99XLED305

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

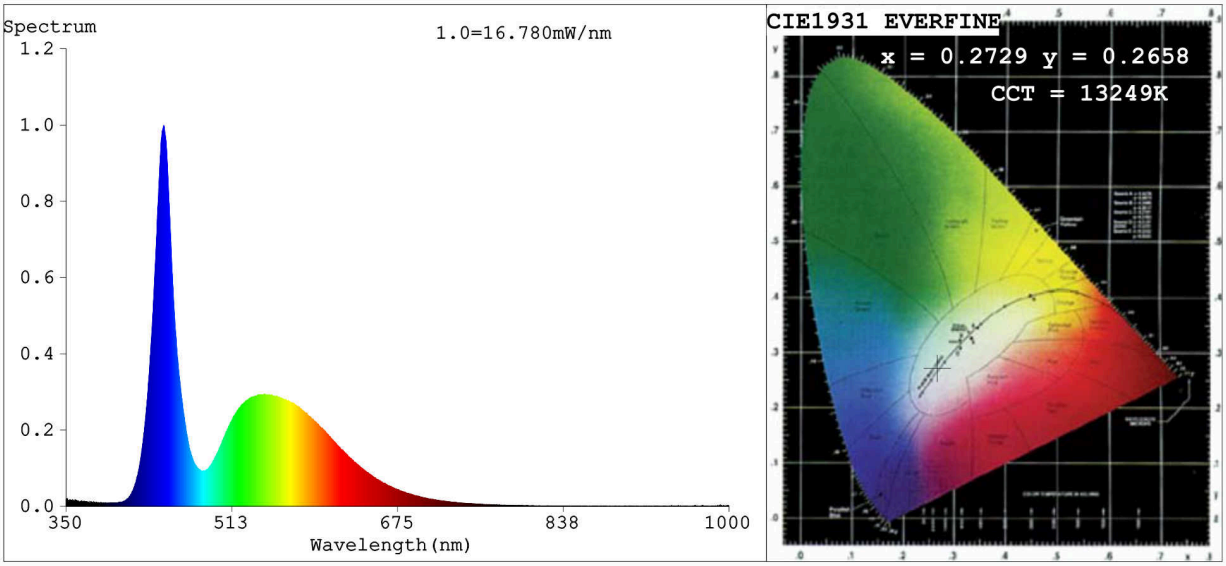
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	290 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	6 500
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	75
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	2		

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)	0,272 0,265
Parameters for directional light sources:			
Peak luminous intensity (cd)	445	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	9	Survival factor	0,50
the lumen maintenance factor	0,93		
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=0.2729 y=0.2658/u'=0.1934 v'=0.4239

CCT=13249K(Duv=-0.0072) Dominant WL:Ld =474.7nm WL:Lc = --nm Purity=27.1%

Ratio:R=10.9% G=83.4% B=5.6% Peak WL:Lp=445.9nm FWHM=21.4nm

Render Index:Ra=75.4 AvgR=67.6

R1 =80	R2 =75	R3 =66	R4 =80	R5 =81	R6 =66	R7 =80	
R8 =75	R9 =9	R10=36	R11=83	R12=46	R13=77	R14=81	R15=80

Photo Parameters:

Flux = 293.3 lm Eff. : 56.83 lm/W Fe = 1.089 W

Electrical parameters:

V = 11.999 V I = 0.4301 A P = 5.161 W PF = 1.000

Status: Integral T = 1000 ms Ip = 42691 (65%)

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

Number: **99XLED305**
Date:2021-07-14 10:58:19
Humidity:65.0%
Remarks: