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: 99XLED731

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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	3	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)	250 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	3,5	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	81
Outer dimensions without — Height	53	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	50		
Outer dimensions without — Depth	50		

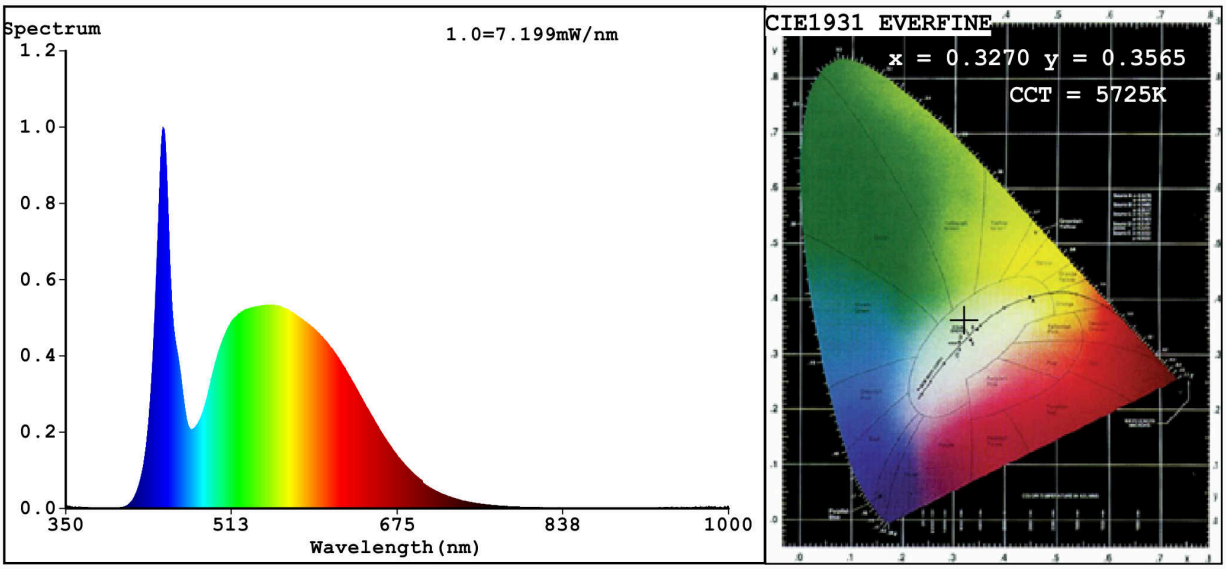
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	25
			Chromaticity coordinates (x and y)	0,327 0,356
Parameters for directional light sources:				
Peak 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		6	Survival factor	0,90
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		Yes[b]	If yes then replacement claim (W)	6
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,2

[a] '-' : not applicable;

[b] '-' : not applicable;

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3270 y=0.3565/u'=0.1975 v'=0.4844

CCT=5725K(Duv=0.0101) Dominant WL:Ld =538.0nm WL:Lc = --nm Purity=5.4%

Ratio:R=13.8% G=81.5% B=4.8%¡¡Peak WL:Lp=445.2nm FWHM=18.0nm

Render Index:Ra=81.6

R1 =78	R2 =84	R3 =90	R4 =83	R5 =80	R6 =80	R7 =88	
R8 =70	R9 =6	R10=64	R11=83	R12=63	R13=79	R14=95	R15=73

Photo Parameters:

Flux = 248.9 lm Eff. : 84.26 lm/W Fe = 786.0 mW

Electrical parameters:

V = 220.02 V I = 0.02275 A P = 2.954 W PF = 0.5900

WHITE:OUT

Status: Integral T = 150 ms Ip = 44820 (68%)

Model:LED SMD2835	Number:99XLED731
Tester:Atanas DAKOV	Date:2021-01-26 13:30:05
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7084