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: 99XLED728

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

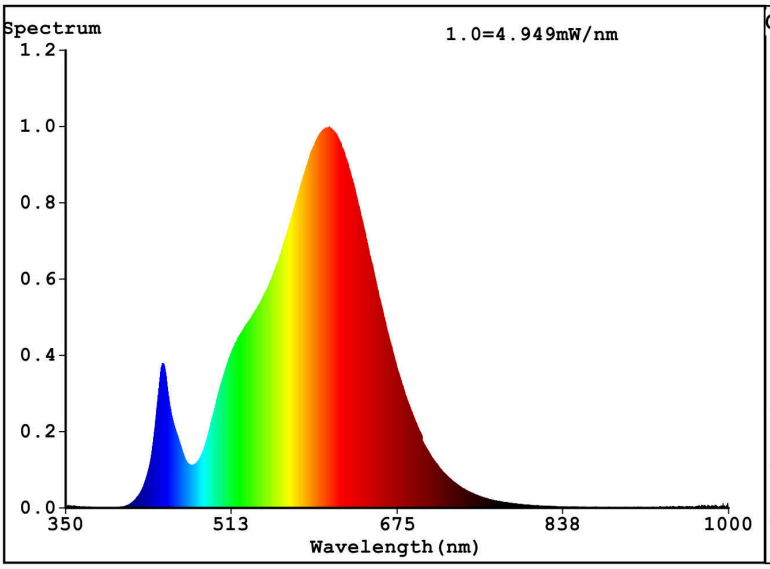
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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	3 000
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	83
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		

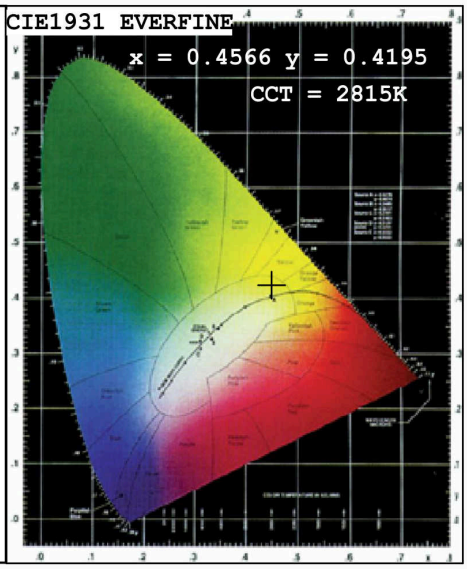
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		Yes	If yes, equivalent power (W)	25
			Chromaticity coordinates (x and y)	0,456 0,419
Parameters for directional light sources:				
Peak luminous intensity (cd)		608	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		11	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;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4566 y=0.4195/u'=0.2565 v'=0.5302

CCT=2815K(Duv=0.0036) Dominant WL:Ld =582.5nm WL:Lc = --nm Purity=63.0%

Ratio:R=24.0% G=74.0% B=2.0%¡¡Peak WL:Lp=608.8nm FWHM=130.3nm

Render Index:Ra=83.2

R1 =81	R2 =89	R3 =98	R4 =83	R5 =81	R6 =87	R7 =85	
R8 =61	R9 =11	R10=76	R11=83	R12=71	R13=82	R14=98	R15=73

Photo Parameters:

Flux = 236.9 lm Eff. : 80.30 lm/W Fe = 728.6 mW

Electrical parameters:

V = 220.03 V I = 0.02260 A P = 2.950 W PF = 0.5933

WHITE:ANSI_2700K

Status: Integral T = 182 ms Ip = 43340 (66%)

Model:LED SMD2835	Number:99XLED728
Tester:Atanas DAKOV	Date:2021-01-26 13:24:48
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7084