

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: 99XLED320

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

Product parameters

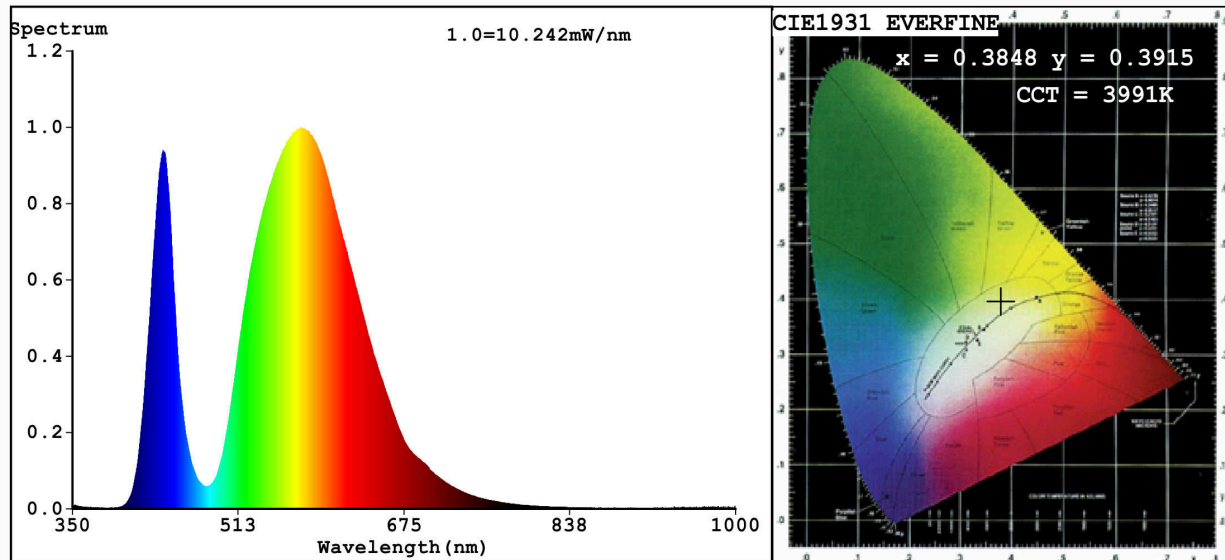
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	550 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	4 000
On-mode power (P_{on}), expressed in W	7,8	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	63
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)	0,384 0,391	
Parameters for directional light sources:				
Peak luminous intensity (cd)	574	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	0,40	
the lumen maintenance factor	0,90			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3848$ $y=0.3915$ $u'=0.2222$ $v'=0.5085$
CCT=3991K (Duv=0.0055) Dominant WL:Ld =576.6nm WL:Lc = --nm Purity=33.0%
Ratio:R=15.3% G=83.2% B=1.5%; Peak WL:Lp=574.4nm FWHM=119.0nm
Render Index:Ra=63.1 AvgR=54.5 TM30:Rf=67 Rg=91 Lav=567.1nm

R1 =59 R2 =69 R3 =78 R4 =63 R5 =59 R6 =57 R7 =75
R8 =45 R9 =0 R10=28 R11=57 R12=29 R13=60 R14=87 R15=52

Photo Parameters:

Flux = 557.6 lm Eff. : 70.74 lm/W Fe = 1.575 W

Electrical parameters:

V = 12.080 V I = 0.6525 A P = 7.882 W PF = 1.000
WHITE:ANSI_4000K

Status: Integral T = 73 ms Ip = 38289 (58%)

Model:LED STRIP LIGHTS
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED320
Date:2021-07-29 08:19:32
Humidity:65.0%
Remarks: