

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: 99XLED319

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

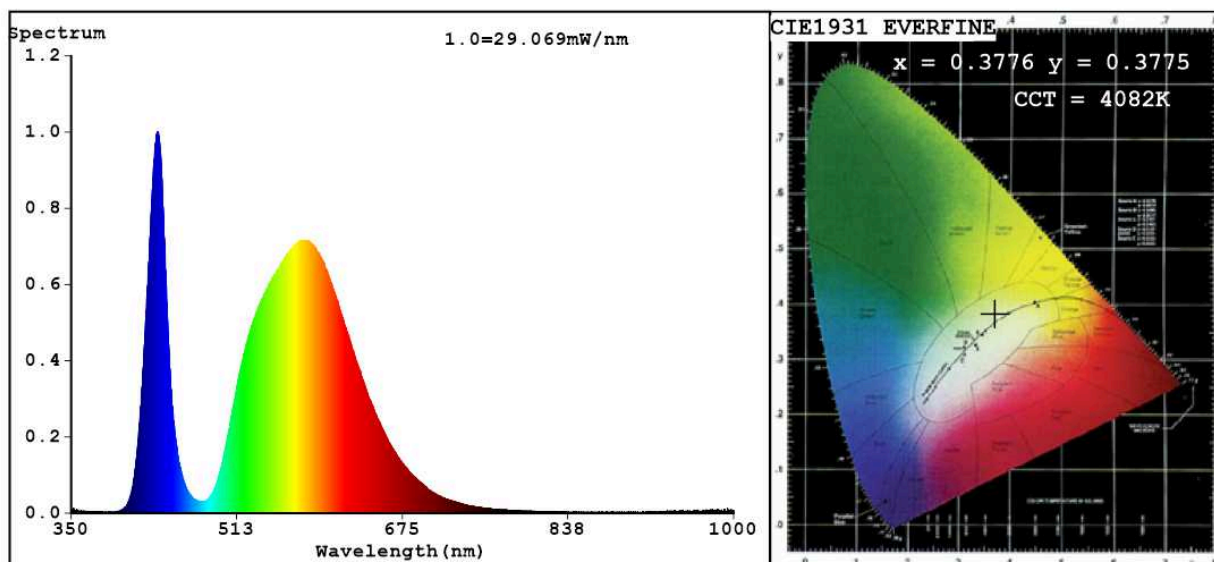
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 000 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	24,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
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)	0,377 0,377
Parameters for directional light sources:				
Peak luminous intensity (cd)	435		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	0,50
the lumen maintenance factor	0,93			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3776$ $y=0.3775$ $u'=0.2230$ $v'=0.5015$

CCT=4082K(Duv=0.0012) Dominant WL:Ld =578.1nm Purity=26.6%

Ratio:R=15.5% G=83.1% B=1.4%; Peak WL:Lp=435.3nm FWHM=21.5nm

Render Index:Ra=63.5

R1 =61	R2 =69	R3 =76	R4 =65	R5 =61	R6 =58	R7 =72
R8 =46	R9 =0	R10=28	R11=62	R12=32	R13=61	R14=86
						R15=54

Photo Parameters:

Flux = 1139 lm Eff. : 46.68 lm/W Fe = 3.325 W

Electrical parameters:

V = 12.080 V I = 2.020 A P = 24.40 W PF = 1.000

WHITE:ANSI_4000K

Status: Integral T = 34 ms Ip = 51133 (78%)

Model:LED 300 12V/14.4W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED319
Date:2019-01-10 12:53
Humidity:65.0%
Remarks:018V035-1_5149