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: 99XLED622CWE

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	18	Energy efficiency class	F
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)	1 900 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	6 400
On-mode power (P_{on}), expressed in W	12,0	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	82
Outer dimensions without	Height	219	Spectral power distribution in the	See image in last page
	Width	219		
	Depth	32		

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)	0,314 0,335
Parameters for directional light sources:				
Peak luminous intensity (cd)		449	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		3	Survival factor	0,00
the lumen maintenance factor		1,00		

[a]'-' : not applicable;

[b]'-' : not applicable;

Spectrum Test Report
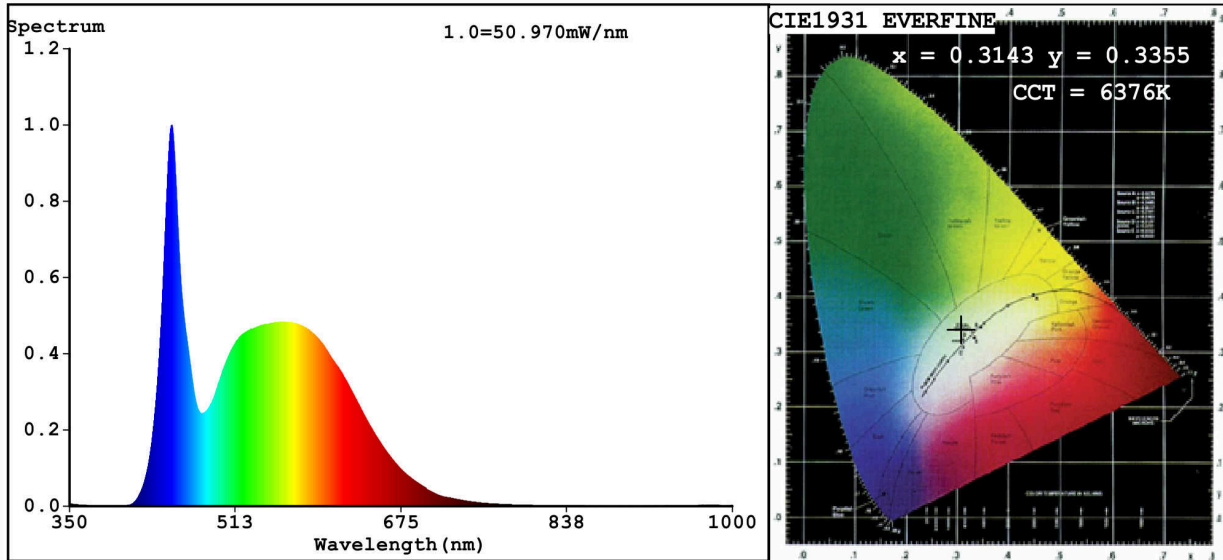
Color Parameters:

Chromaticity Coordinate:x=0.3143   y=0.3355/u'=0.1965 v'=0.4720

CCT=6376K(Duv=0.0057) Dominant WL:Ld =493.2nm WL:Lc = --nm Purity=6.3%

Ratio:R=13.2% G=81.3% B=5.5%¡¡Peak WL:Lp=449.9nm   FWHM=22.2nm

Render Index:Ra=82.4

| R1 =80 | R2 =86 | R3 =91 | R4 =82 | R5 =81 | R6 =82 | R7 =88 | |
| R8 =69 | R9 =3 | R10=68 | R11=82 | R12=59 | R13=81 | R14=95 | R15=75 |

Photo Parameters:

Flux = 1604 lm   Eff. : 87.01 lm/W Fe = 5.148 W

Electrical parameters:

V = 219.94 V   I = 0.1631 A   P = 18.44 W PF = 0.5139

WHITE:ANSI_6500K

Status: Integral T = 23 ms Ip = 49631 (76%)

Model:LED PANEL ROUND OM   Number:99XLED622CW
Tester:Atanas DAKOV   Date:2021-03-16 09:26:45
Temperature:25.3Deg   Humidity:65.0%
Manufacturer:ELMARK   Remarks:7455