

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: 99XLED620

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):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

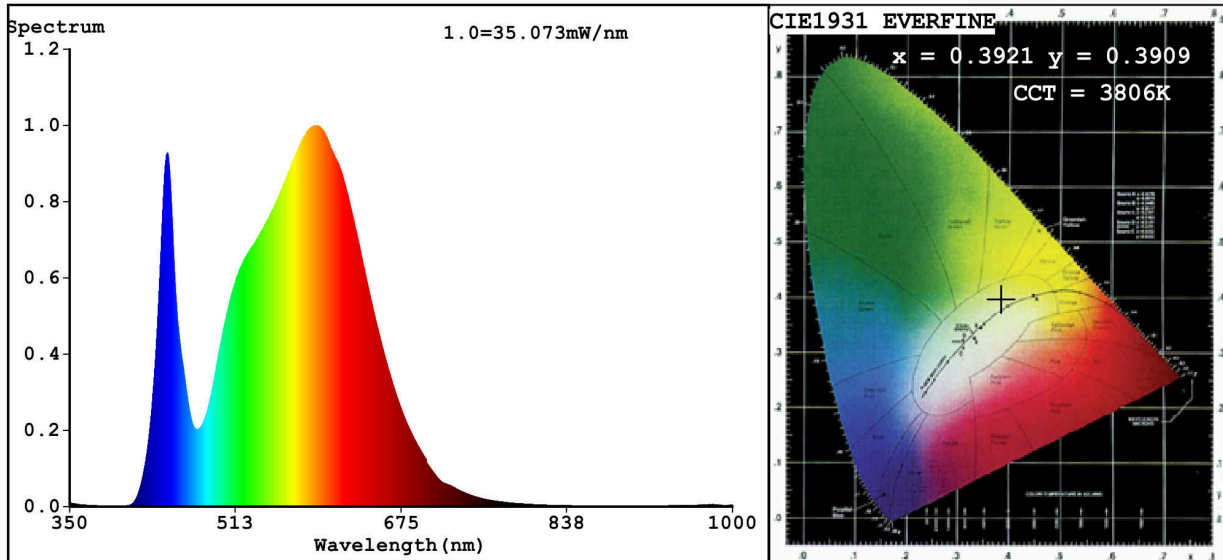
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 977 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	4 000
On-mode power (P_{on}), expressed in W	23,9	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,20	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	79
Outer dimensions without separate control gear, lighting control	Height	295	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	295	
	Depth	18	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,392 0,390
Parameters for directional light sources:			
Peak luminous intensity (cd)	663	Beam angle in degrees, or the range of beam angles that can be set	113
Parameters for LED and OLED light sources:			
R9 colour rendering index value	0	Survival factor	0,00
the lumen maintenance factor	0,95		

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3921$ $y=0.3909$ / $u'=0.2271$ $v'=0.5094$
 CCT=3806K (Duv=0.0032) Dominant WL: $L_d = 578.3\text{nm}$ WL: $L_c = \text{--nm}$ Purity=35.0%
 Ratio: R=18.2% G=78.8% B=3.0% ; Peak WL: $L_p = 592.2\text{nm}$ FWHM=145.8nm
 Render Index: $R_a = 79.8$

R1 =77 R2 =85 R3 =93 R4 =80 R5 =78 R6 =81 R7 =85
 R8 =60 R9 =0 R10=66 R11=79 R12=62 R13=78 R14=96 R15=70

Photo Parameters:

Flux = 1977 lm Eff. : 82.71 lm/W $P_e = 5.851$ W

Electrical parameters:

V = 219.97 V I = 0.2142 A P = 23.91 W PF = 0.5073
 WHITE: ANSI_4000K

Status: Integral T = 28 ms $I_p = 48537$ (74%)

Model: LED PANEL ROUND OM	Number: 99XLED620
Tester: Atanas DAKOV	Date: 2021-02-11 11:30:00
Temperature: 25.3Deg	Humidity: 65.0%
Manufacturer: ELMARK	Remarks: 7388