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: 99XLED614CW

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

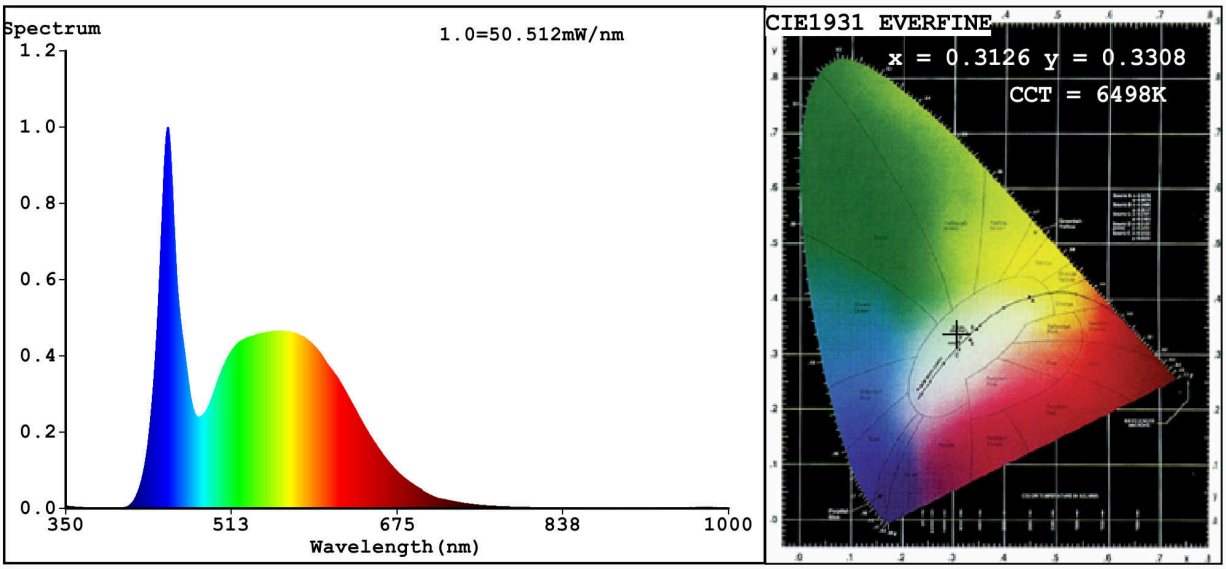
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 300 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	6 500
On-mode power (P_{on}), expressed in W	19,0	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	83
Outer dimensions without separate control gear, lighting control — Height	225	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	225		
Depth	18		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,312 0,330
Parameters for directional light sources:				
Peak luminous intensity (cd)		450	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		9	Survival factor	0,00
the lumen maintenance factor		1,00		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3126 y=0.3308/u'=0.1971 v'=0.4693

CCT=6498K(Duv=0.0042) Dominant WL:Ld =490.1nm WL:Lc = --nm Purity=7.2%

Ratio:R=13.3% G=81.1% B=5.6%¡¡Peak WL:Lp=450.6nm FWHM=22.3nm

Render Index:Ra=83.3

R1 =81	R2 =87	R3 =91	R4 =83	R5 =82	R6 =82	R7 =89	
R8 =71	R9 =9	R10=69	R11=83	R12=60	R13=83	R14=95	R15=77

Photo Parameters:

Flux = 1537 lm Eff. : 80.88 lm/W Fe = 4.996 W

Electrical parameters:

V = 219.98 V I = 0.1690 A P = 19.01 W PF = 0.5113

WHITE:ANSI_6500K

~~Status: Integral T = 28 ms Ip = 54452 (83%)~~

Model:LED PANEL ROUND	Number:99XLED614CW
Tester:Atanas DAKOV	Date:2021-03-16 14:11:28
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7455