

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: 99XLED614

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

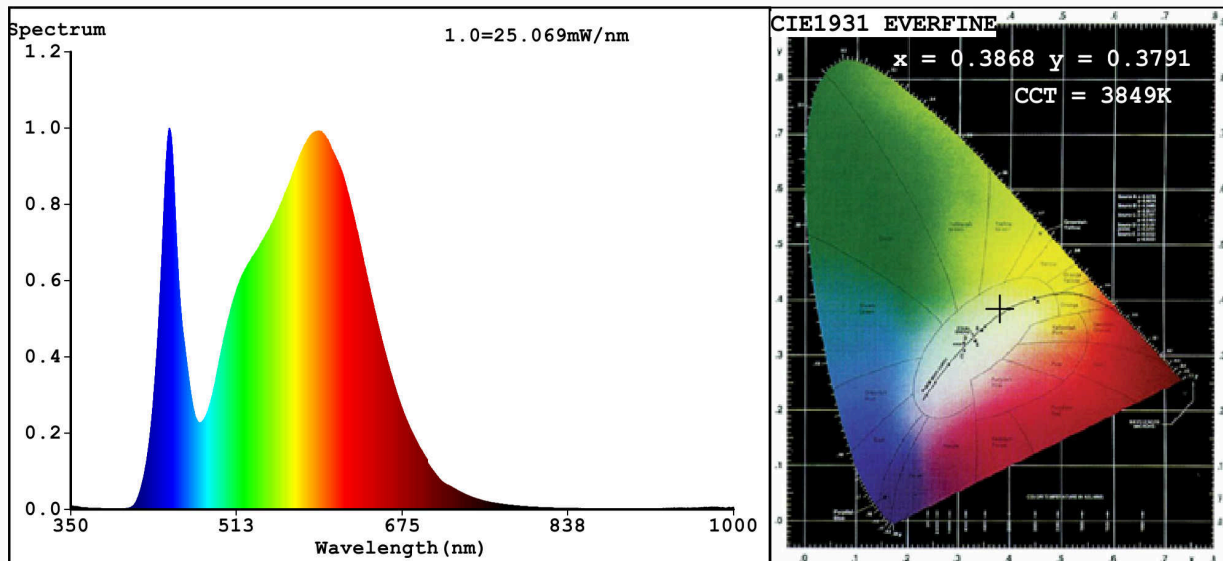
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 300 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	4 000
On-mode power (P_{on}), expressed in W	17,9	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	81
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,386 0,379	
Parameters for directional light sources:				
Peak luminous intensity (cd)	446	Beam angle in degrees, or the range of beam angles that can be set	114	
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: $x=0.3868$ $y=0.3791$ $u'=0.2283$ $v'=0.5036$
CCT=3849K (Duv=-0.0007) Dominant WL:Ld =580.0nm WL:Lc = --nm Purity=29.9%
Ratio:R=18.6% G=78.2% B=3.2% ; Peak WL:Lp=446.6nm FWHM=22.4nm
Render Index:Ra=81.4

R1 =79	R2 =87	R3 =93	R4 =81	R5 =80	R6 =83	R7 =85
R8 =62	R9 =3	R10=70	R11=80	R12=65	R13=81	R14=96 R15=73

Photo Parameters:

Flux = 1396 lm Eff. : 77.61 lm/W Fe = 4.244 W

Electrical parameters:

V = 219.98 V I = 0.1617 A P = 17.98 W PF = 0.5056
WHITE:ANSI_4000K

Status: Integral T = 45 ms Ip = 50200 (77%)

Model:LED PANEL ROUND OM
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED614
Date:2021-03-16 14:07:43
Humidity:65.0%
Remarks:7455