

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: 99XLED626

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

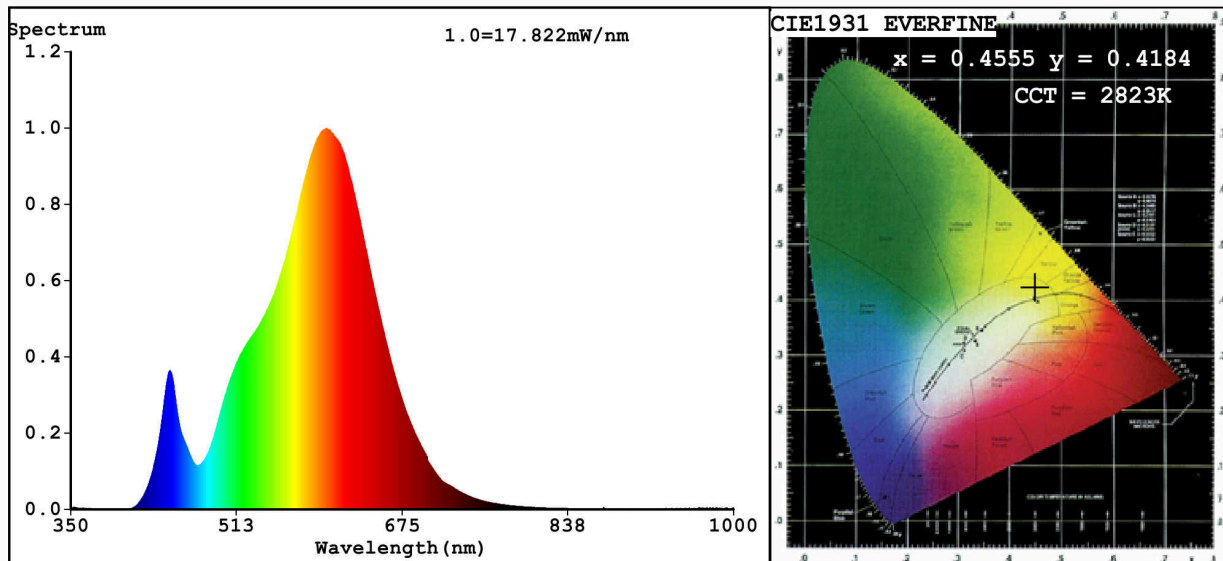
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	840 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	3 000
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	79
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)	0,455 0,418	
Parameters for directional light sources:				
Peak luminous intensity (cd)	277	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	0	Survival factor	0,00	
the lumen maintenance factor	1,00			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4555$ $y=0.4184$ $u'=0.2563$ $v'=0.5296$
 CCT=2823K (Duv=0.0033) Dominant WL: $\lambda_d = 582.6\text{nm}$ WL: $\lambda_c = \text{--nm}$ Purity=62.3%
 Ratio: R=23.4% G=74.7% B=2.0% ; Peak WL: $\lambda_p = 601.1\text{nm}$ FWHM=115.9nm
 Render Index: $R_a = 79.1$

R1 =76	R2 =87	R3 =97	R4 =77	R5 =76	R6 =85	R7 =81
R8 =52	R9 =0	R10=72	R11=76	R12=68	R13=78	R14=99 R15=67

Photo Parameters:

Flux = 838.3 lm Eff. : 69.39 lm/W $\Phi_e = 2.466\text{ W}$

Electrical parameters:

V = 220.03 V I = 0.1095 A P = 12.08 W PF = 0.5013
 WHITE: ANSI_2700K

Status: Integral T = 59 ms $I_p = 50612$ (77%)

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

Number: 99XLED626
 Date: 2020-10-08 10:56:48
 Humidity: 65.0%
 Remarks: 6942