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: 99XLED615E

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

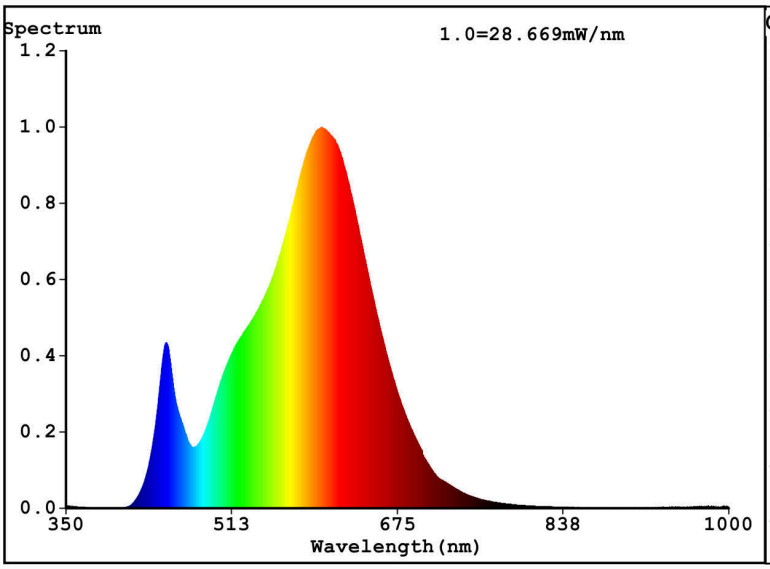
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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	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	81
Outer dimensions without — Height	225	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	225		
Outer dimensions without — Depth	18		

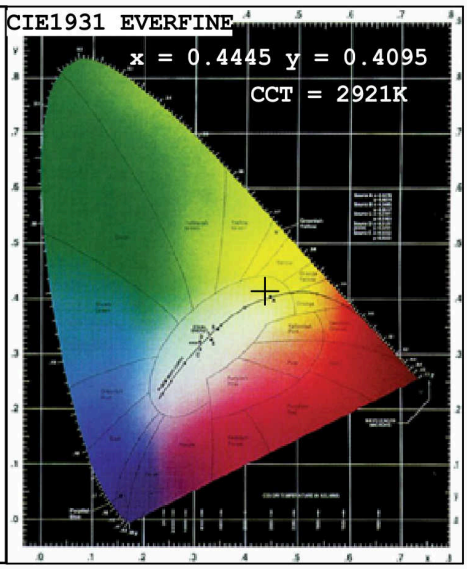
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,444 0,409
Parameters for directional light sources:				
Peak luminous intensity (cd)		601	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		1	Survival factor	0,00
the lumen maintenance factor		1,00		

(a)'-' : not applicable;

(b)'-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4445 y=0.4095/u'=0.2531 v'=0.5246

CCT=2921K(Duv=0.0012) Dominant WL:Ld =582.8nm WL:Lc = --nm Purity=56.3%

Ratio:R=23.1% G=74.5% B=2.4%¡¡Peak WL:Lp=601.1nm FWHM=122.1nm

Render Index:Ra=81.3

R1 =79	R2 =90	R3 =97	R4 =80	R5 =80	R6 =88	R7 =82	
R8 =56	R9 =1	R10=77	R11=79	R12=72	R13=81	R14=99	R15=71

Photo Parameters:

Flux = 1382 lm Eff. : 75.08 lm/W Fe = 4.170 W

Electrical parameters:

V = 220.00 V I = 0.1652 A P = 18.41 W PF = 0.5066

WHITE:ANSI_3000K

~~Status: Integral T = 39 ms Ip = 55353 (84%)~~

Model:LED PANEL ROUND	Number:99XLED615
Tester:Atanas DAKOV	Date:2020-10-06 11:17:58
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7060