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: 99XLED625CW

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

Product parameters

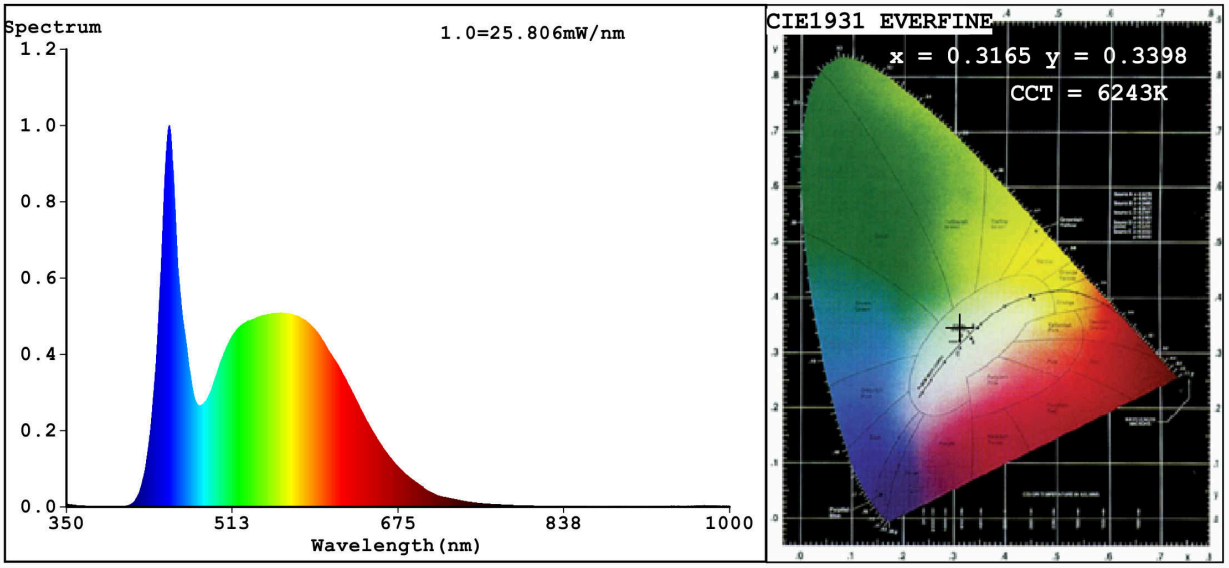
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	870 in Wide cone (120°)	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	6 000
On-mode power (P_{on}), expressed in W	12,1	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	82
Outer dimensions without separate control gear, lighting control — Height	165	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	165		
Outer dimensions without separate control gear, lighting control — Depth	32		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,316 0,339
Parameters for directional light sources:				
Peak luminous intensity (cd)		306	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		1	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	3
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		-[(b)]	If yes then replacement claim (W)	-
Flicker metric (Pst LM)		0,0	Stroboscopic effect metric (SVM)	0,0

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

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

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3165 y=0.3398/u'=0.1964 v'=0.4745

CCT=6243K(Duv=0.0068) Dominant WL:Ld =496.6nm WL:Lc = --nm Purity=5.3%

Ratio:R=13.2% G=81.3% B=5.5%¡¡Peak WL:Lp=450.9nm FWHM=23.3nm

Render Index:Ra=82.3

R1 =79	R2 =87	R3 =92	R4 =82	R5 =81	R6 =82	R7 =88	
R8 =68	R9 =1	R10=69	R11=81	R12=59	R13=81	R14=96	R15=74

Photo Parameters:

Flux = 854.3 lm Eff. : 70.36 lm/W Fe = 2.724 W

Electrical parameters:

V = 219.97 V I = 0.1095 A P = 12.14 W PF = 0.5041

WHITE:ANSI_6500K

Status: Integral T = 47 ms Ip = 51378 (78%)

Model:LED PANEL ROUND OM	Number:99XLED625CW
Tester:Atanas DAKOV	Date:2021-03-16 09:21:05
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7455