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: 99XLED609CWE

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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

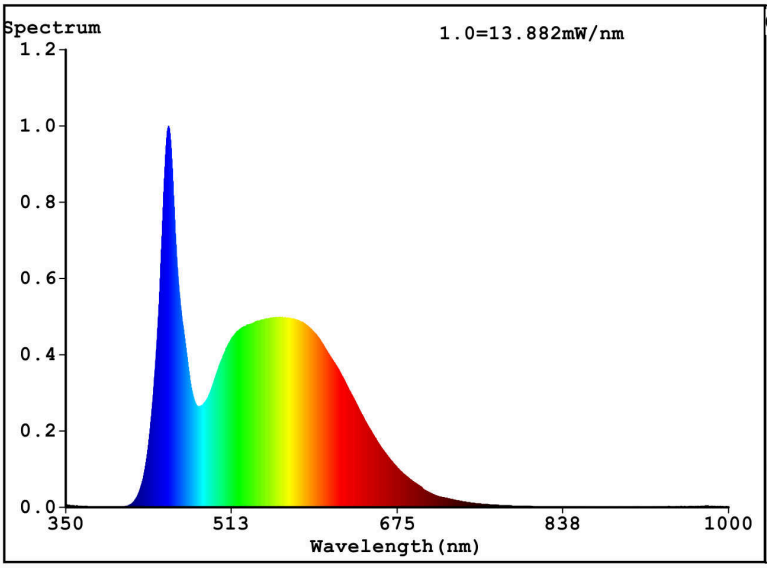
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	400 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	6 200
On-mode power (P_{on}), expressed in W	6,3	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	82
Outer dimensions without — Height	118	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	100		
Outer dimensions without — Depth	18		

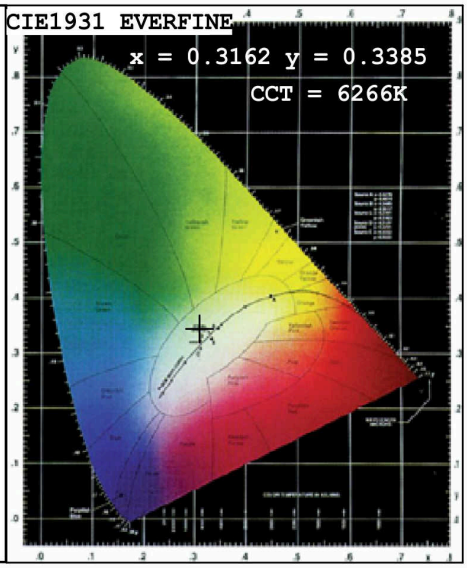
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,316 0,338
Parameters for directional light sources:				
Peak 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	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,40	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=0.3162 y=0.3385/u'=0.1967 v'=0.4738

CCT=6266K(Duv=0.0063) Dominant WL:Ld =495.6nm WL:Lc = --nm Purity=5.5%

Ratio:R=13.3% G=81.1% B=5.6%¡¡Peak WL:Lp=450.7nm FWHM=23.0nm

Render Index:Ra=82.8

R1 =80	R2 =87	R3 =92	R4 =82	R5 =81	R6 =83	R7 =88	
R8 =68	R9 =3	R10=70	R11=81	R12=59	R13=82	R14=96	R15=75

Photo Parameters:

Flux = 452.3 lm Eff. : 70.82 lm/W Fe = 1.447 W

Electrical parameters:

V = 220.01 V I = 0.06207 A P = 6.386 W PF = 0.4676

WHITE:ANSI_6500K

Status: Integral T = 84 ms Ip = 49383 (75%)

Model:LED PANEL ROUND	Number:99XLED609CW
Tester:Atanas DAKOV	Date:2021-03-16 14:19:46
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7455