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: 99XLED609

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

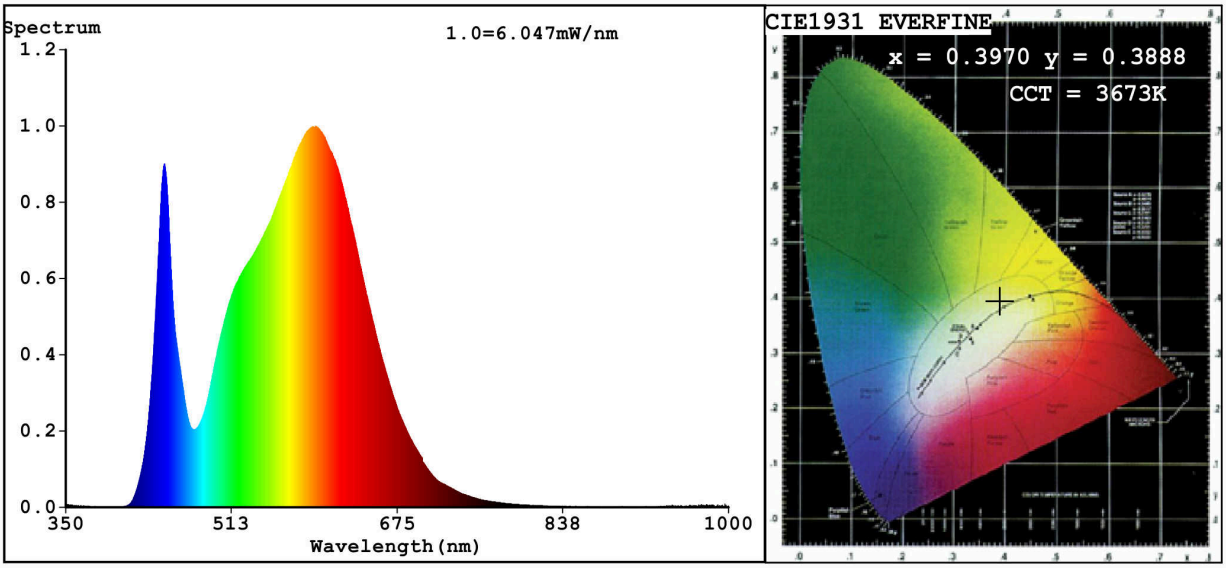
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	330 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	4 000
On-mode power (P_{on}), expressed in W	6,3	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	80
Outer dimensions without separate control gear, lighting control — Height	118	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	100		
Outer dimensions without separate control gear, lighting control — Depth	18		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,397 0,388
Parameters for directional light sources:				
Peak luminous intensity (cd)		105	Beam angle in degrees, or the range of beam angles that can be set	112
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,00
the lumen maintenance factor		0,95		
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=0.3970 y=0.3888/u'=0.2311 v'=0.5092

CCT=3673K(Duv=0.0011) Dominant WL:Ld =579.8nm WL:Lc = --nm Purity=35.8%

Ratio:R=19.0% G=78.0% B=3.0%¡¡Peak WL:Lp=595.5nm FWHM=143.8nm

Render Index:Ra=80.6

R1 =78	R2 =87	R3 =94	R4 =80	R5 =79	R6 =82	R7 =84	
R8 =60	R9 =0	R10=69	R11=79	R12=64	R13=80	R14=97	R15=71

Photo Parameters:

Flux = 331.9 lm Eff. : 52.00 lm/W Fe = 990.8 mW

Electrical parameters:

V = 220.02 V I = 0.06087 A P = 6.384 W PF = 0.4766

WHITE:ANSI_3500K

Status: Integral T = 167 ms Ip = 50507 (77%)

Model:LED PANEL ROUND	Number:99XLED609
Tester:Atanas DAKOV	Date:2020-10-06 13:15:10
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7060