

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: 99XLED642CW

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):	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	24	Energy efficiency class	F
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°)	2 000 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	6 500
On-mode power (P_{on}), expressed in W	23,7	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	78
Outer dimensions without separate control gear, lighting control	Height	300	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	300	
	Depth	32	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,311 0,331
Parameters for directional light sources:			
Peak luminous intensity (cd)	621	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	-2	Survival factor	0,50
the lumen maintenance factor	0,65		

(a) : not applicable;

(b) : not applicable;

Lamp test report

Product Remark

Type:	NO.:0	Manufacturer:
TempIn:29.8C	TempOut:28.4C	Humidity:%
Operator:	Time:10:21:33	Date:2022-6-30

CIE Color Parameter

Chromaticity Coordinate: $x=0.3111$ $y=0.3315$ $u=0.1958$ $v=0.3130$ $duv=0.0053$
CCT: $T_c=6572K$ DominantW.: 491.8nm Purity: 7.6%
Peak Wave: 444nm Half Wave: 22.7nm RatioR=13.9% G=82.6% B=3.5%

Rendering Idx: Ra= 78.8 Ra'= 71.0

R1 =77	R2 =81	R3 =84	R4 =80	R5 =79	R6 =76	R7 =84	R8 =68
R9 =-2	R10=56	R11=81	R12=61	R13=77	R14=91	R15=72	

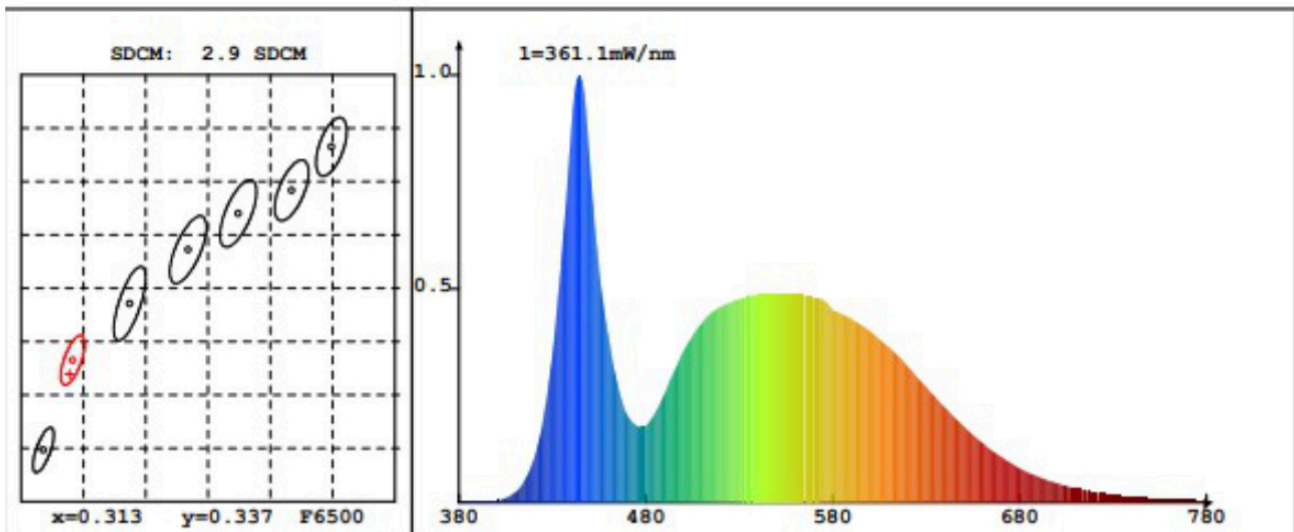


Photo Parameter

Flux: 2156.4 lm Effice:90.7lm/W Lumi.Pow: 7.235W

Electrical Parameter

Voltage:221.6V Current:0.186A Power:23.76W PF:0.570

Instrument Status

Instrument:HopooHSP5000	Lamp:A2846K/779.01m	Scan Range:380nm-780nm
TestModel:Exact	Interval:5nm	PMT Temp:34.2C
Main:5	Id:74	Ip:56561
Reference:2	REF:12648	Undulation:-1.305%