

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: 99XLED642WW

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°)	1 920 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	3 000
On-mode power (P_{on}), expressed in W	22,1	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	81
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)	0,443 0,410
Parameters for directional light sources:			
Peak luminous intensity (cd)	569	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	3	Survival factor	0,50
the lumen maintenance factor	0,96		

(a): not applicable;

(b): not applicable;

Lamp test report

Product Remark

Type:	NO.:0	Manufacturer:
TempIn:29.8C	TempOut:28.4C	Humidity:%
Operator:	Time:10:16:18	Date:2022-6-30

CIE Color Parameter

Chromaticity Coordinate: $x=0.4435$ $y=0.4109$ $u=0.2519$ $v=0.3500$ $duv=0.0018$
CCT: $T_c=2947K$ DominantW.: 583.5nm Purity: 56.5%
Peak Wave: 603nm Half Wave: 127.8nm RatioR=24.8% G=73.6% B=1.6%

Rending Idx: Ra= 81.6 Ra'= 75.3
R1 =79 R2 =89 R3 =97 R4 =79 R5 =79 R6 =87 R7 =83 R8 =58
R9 =3 R10=76 R11=78 R12=68 R13=82 R14=99 R15=72

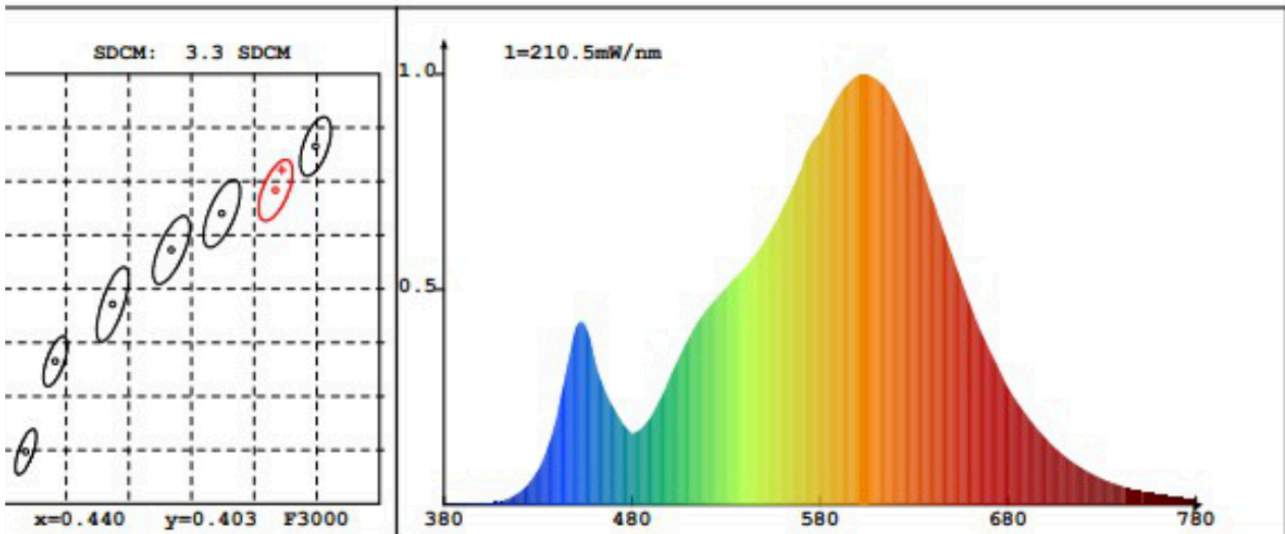


Photo Parameter

Flux: 1967.4 lm Effice: 88.7lm/W Lumi.Pow: 6.167W

Electrical Parameter

Voltage:221.5V Current:0.175A Power:22.17W 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:75	Ip:18272
Reference:2	REF:11634	Undulation:-1.229%