

# 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:** 99XLED642W

## 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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), 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	4 000
On-mode power ( $P_{on}$ ), expressed in W	23,0	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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,384 0,385
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	623	Beam angle in degrees, or the range of beam angles that can be set	114
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	2	Survival factor	0,50
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

# Lamp test report

## Product Remark

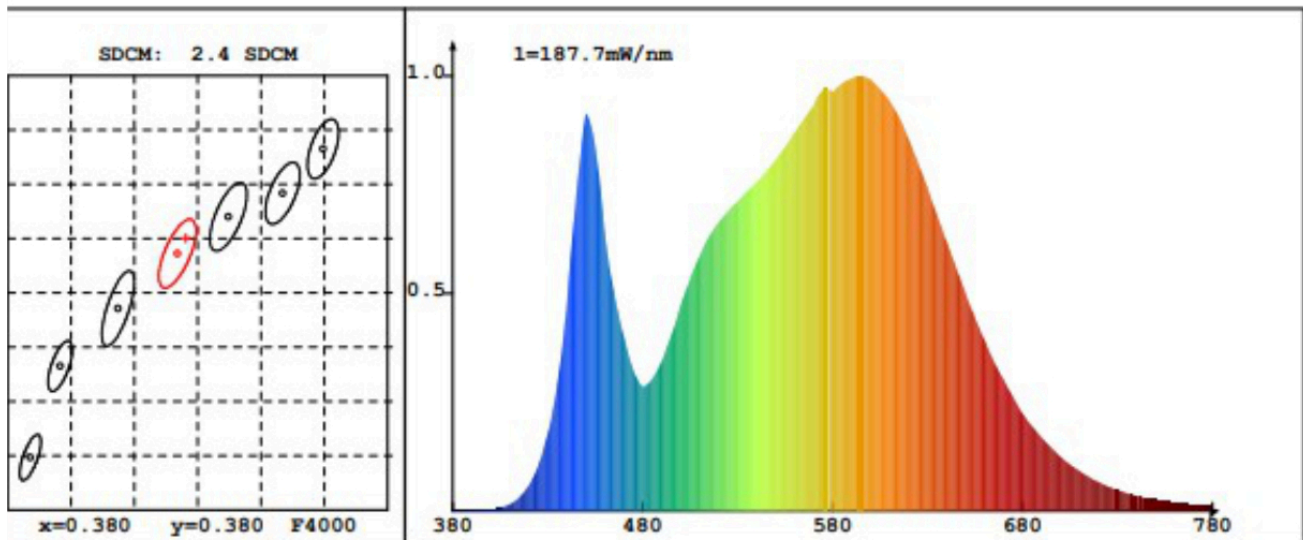
Type:	NO.:0	Manufacturer:
TempIn:29.8C	TempOut:28.4C	Humidity:%
Operator:	Time:10:19:07	Date:2022-6-30

## CIE Color Parameter

Chromaticity Coordinate:  $x=0.3848$   $y=0.3858$   $u=0.2243$   $v=0.3374$   $duv=0.0030$   
CCT: Tc= 3952K      DominantW.: 578.8nm      Purity: 31.3%  
Peak Wave: 595nm      Half Wave: 147.8nm      RatioR=19.6% G=77.9% B=2.5%

Rending Idx: Ra= 81.7      Ra'= 74.5

R1 =79	R2 =88	R3 =95	R4 =80	R5 =79	R6 =84	R7 =86	R8 =62
R9 =2	R10=72	R11=79	R12=61	R13=81	R14=97	R15=73	



## Photo Parameter

Flux: 2093.4 lm      Effic: 90.7lm/W      Lumi.Pow: 6.478W

## Electrical Parameter

Voltage:221.8V      Current:0.183A      Power:23.07W      PF:0.570

## Instrument Status

Instrument:HopooHSP5000	Lamp:A2846K/779.0lm	Scan Range:380nm-780nm
TestModel:Exact	Interval:5nm	PMT Temp:34.2C
Main:5	Id:74	Ip:26802
Reference:2	REF:12342	Undulation:-1.361%