

# 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:** 99XLED641CW

## 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	18	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°)	1 600 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	18,7	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	79
Outer dimensions without separate control gear, lighting control	Height	224	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	224	
	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)	0,310 0,330
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	432	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	-1	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:28.6C	Humidity:%
Operator:	Time:10:05:19	Date:2022-6-30

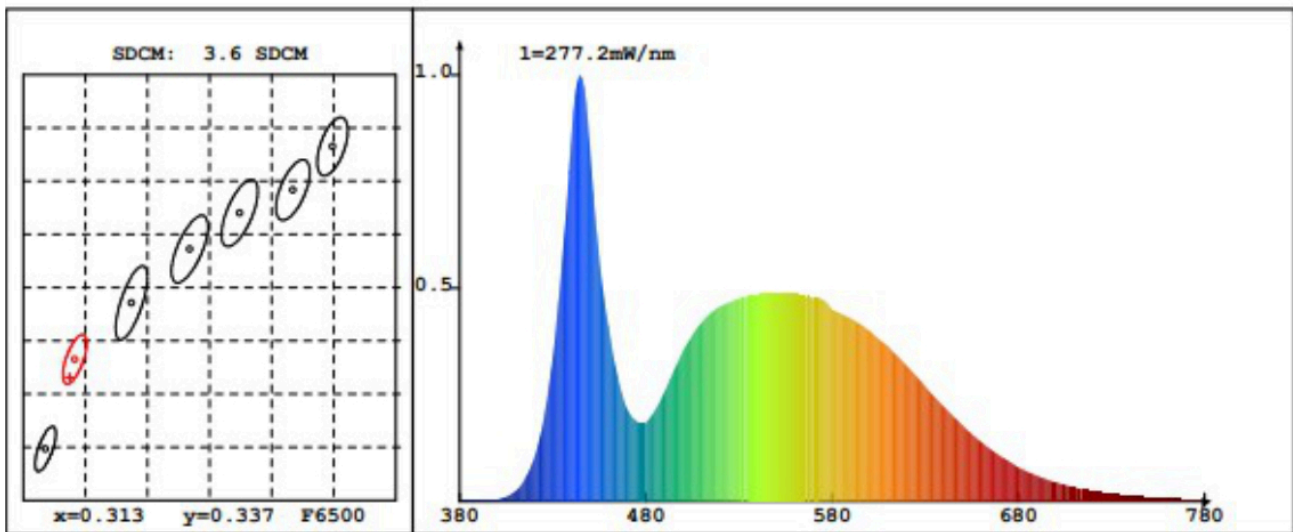
## CIE Color Parameter

Chromaticity Coordinate:  $x=0.3100$   $y=0.3300$   $u=0.1956$   $v=0.3123$   $duv=0.0050$   
 CCT: Tc= 6634K      DominantW.: 490.9nm      Purity: 8.1%  
 Peak Wave: 445nm      Half Wave: 23.0nm      RatioR=13.9% G=82.5% B=3.6%

## Rending Idx:

Ra= 79.1      Ra'= 71.4

R1 =78	R2 =81	R3 =84	R4 =81	R5 =80	R6 =76	R7 =84	R8 =69
R9 =-1	R10=56	R11=81	R12=61	R13=78	R14=92	R15=72	



## Photo Parameter

Flux: 1634.67lm      Effice: 87.1lm/W      Lumi.Pow: 5.564W

## Electrical Parameter

Voltage:221.7V      Current:0.142A      Power:18.76W      PF:0.590

## Instrument Status

Instrument:HopooHSP5000	Lamp:A2846K/779.01m	Scan Range:380nm-780nm
TestModel:Exact	Interval:5nm	PMT Temp:34.0C
Main:5	Id:77	Ip:42918
Reference:2	REF:9693	Undulation:-3.126%