

# 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:** 99XLED640WW

## 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):	No
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	12	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°)	960 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	11,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,00
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	-	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	170	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	170	
	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)	0,441 0,409
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	240	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	3	Survival factor	0,50
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

# Lamp test report

## Product Remark

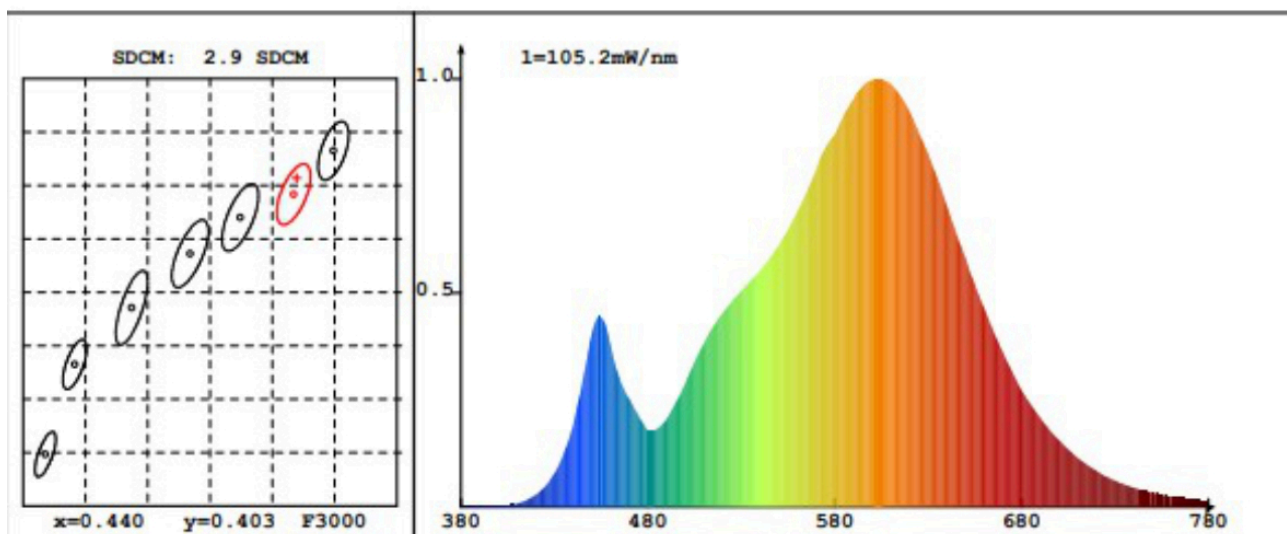
Type:	NO.:0	Manufacturer:
TempIn:29.8C	TempOut:28.5C	Humidity:%
Operator:	Time:10:09:34	Date:2022-6-30

## CIE Color Parameter

Chromaticity Coordinate:  $x=0.4417$   $y=0.4094$   $u=0.2513$   $v=0.3495$   $duv=0.0015$   
CCT:  $T_c=2964K$  DominantW.: 583.5nm Purity: 55.5%  
Peak Wave: 603nm Half Wave: 127.7nm RatioR=24.7% G=73.6% B=1.7%

Rending Idx: Ra= 81.4 Ra'= 75.1

R1 =79	R2 =90	R3 =97	R4 =79	R5 =79	R6 =87	R7 =83	R8 =57
R9 =3	R10=76	R11=77	R12=67	R13=82	R14=99	R15=72	



## Photo Parameter

Flux: 966.92 lm      Effice: 87.6lm/W      Lumi.Pow: 3.097W

## Electrical Parameter

Voltage:221.7V      Current:0.089A      Power:11.04W      PF:0.550

## Instrument Status

Instrument:HopooHSP5000	Lamp:A2846K/779.01m	Scan Range:380nm-780nm
TestModel:Exact	Interval:5nm	PMT Temp:33.9C
Main:6	Id:75	Ip:31675
Reference:3	REF:56642	Undulation:-3.344%