

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: 99XLED640W

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	12	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°)	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	4 000
On-mode power (P_{on}), expressed in W	11,3	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	0,00	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 ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,385 0,386
Parameters for directional light sources:			
Peak luminous intensity (cd)	266	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	0,96		

(a) : not applicable;

(b) : not applicable;

Lamp test report

Product Remark

Type:	NO.:0	Manufacturer:
TempIn:29.8C	TempOut:28.5C	Humidity:%
Operator:	Time:10:12:03	Date:2022-6-30

CIE Color Parameter

Chromaticity Coordinate: $x=0.3857$ $y=0.3869$ $u=0.2245$ $v=0.3378$ $duv=0.0032$
CCT: $T_c=3937K$ DominantW.: 578.8nm Purity: 31.9%
Peak Wave: 595nm Half Wave: 147.7nm 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=60	R13=81	R14=97	R15=72	

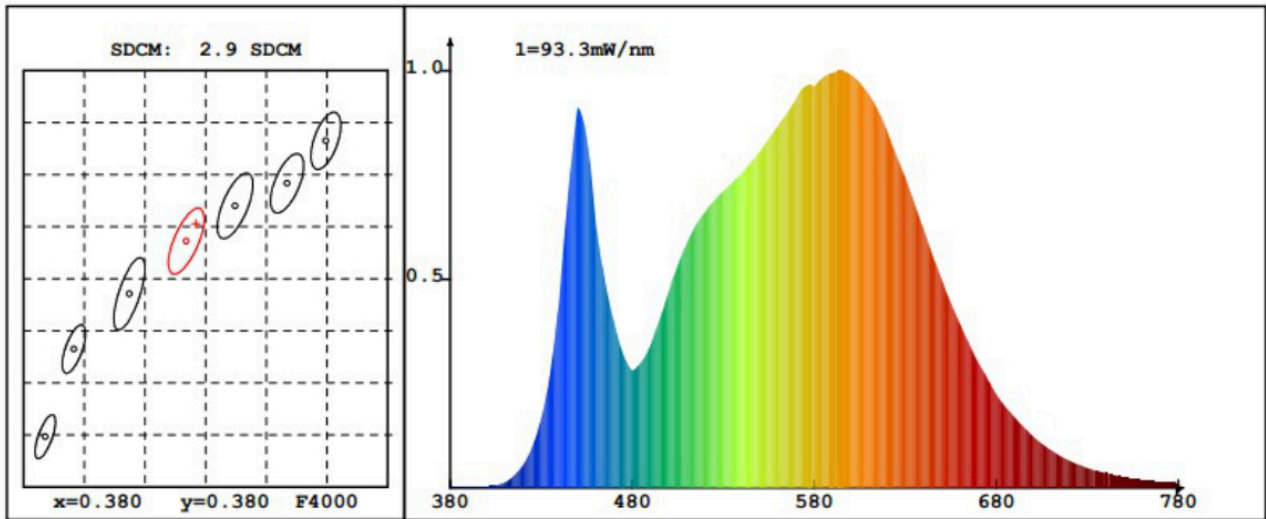


Photo Parameter

Flux: 1009.98lm Effice: 88.9lm/W Lumi.Pow: 3.209W

Electrical Parameter

Voltage:221.8V Current:0.092A Power:11.35W PF:0.560

Instrument Status

Instrument:HopooHSP5000	Lamp:A2846K/779.01m	Scan Range:380nm-780nm
TestModel:Exact	Interval:5nm	PMT Temp:34.1C
Main:6	Id:76	Ip:47052