

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: 99XLED640CW

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°)	1 000 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	6 600
On-mode power (P_{on}), expressed in W	11,7	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	78
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)	0,310 0,332
Parameters for directional light sources:			
Peak luminous intensity (cd)	255	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	-4	Survival factor	0,50
the lumen maintenance factor	0,95		

(a): not applicable;

(b): not applicable;

Lamp test report

Product Remark

Type:	NO.:0	Manufacturer:
TempIn:29.8C	TempOut:28.5C	Humidity:%
Operator:	Time:10:14:35	Date:2022-6-30

CIE Color Parameter

Chromaticity Coordinate: $x=0.3103$ $y=0.3321$ $u=0.1950$ $v=0.3131$ $duv=0.0060$
 CCT: $T_c=6608K$ DominantW.: 492.1nm Purity: 7.8%
 Peak Wave: 445nm Half Wave: 21.9nm RatioR=13.8% G=82.6% B=3.5%

Rending Idx: Ra= 78.7 Ra'= 70.7
 R1 =77 R2 =81 R3 =85 R4 =80 R5 =79 R6 =76 R7 =84 R8 =68
 R9 =-4 R10=56 R11=81 R12=60 R13=77 R14=92 R15=71

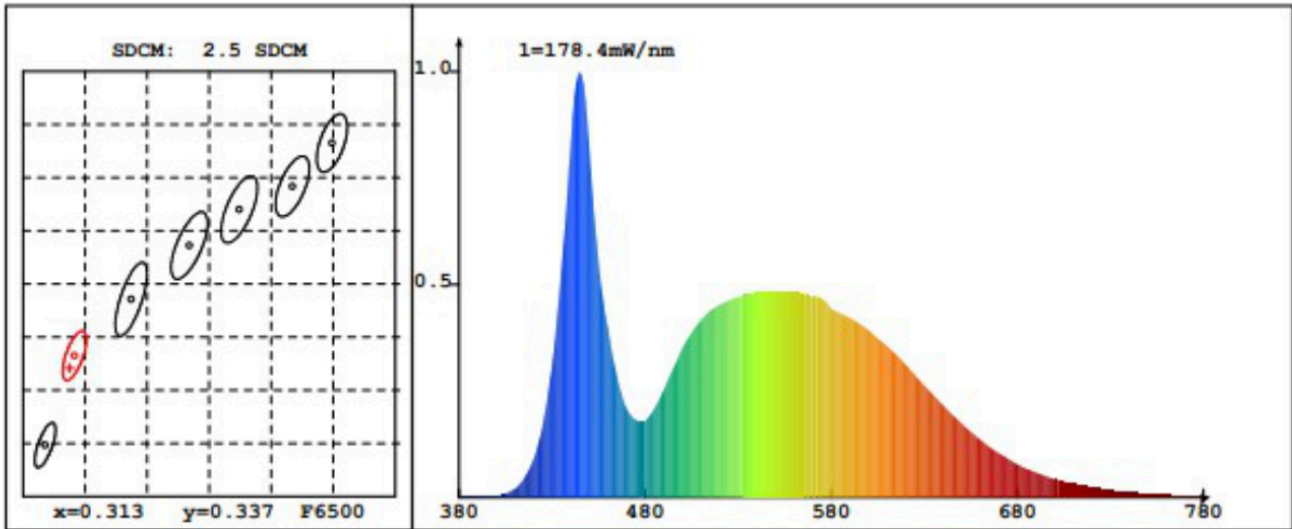


Photo Parameter

Flux: 1038.94lm Efficie: 88.6lm/W Lumi.Pow: 3.508W

Electrical Parameter

Voltage:221.8V Current:0.094A Power:11.73W PF:0.560

Instrument Status

Instrument:HopooHSP5000	Lamp:A2846K/779.01m	Scan Range:380nm-780nm
TestModel:Exact	Interval:5nm	PMT Temp:34.3C
Main:5	Id:77	Ip:27693
Reference:2	REF:6126	Undulation:-2.710%