

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: 99XLED637WW

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°)	968 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	2 976
On-mode power (P_{on}), expressed in W	11,1	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	142	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	142	
	Depth	28	
			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)	0,440 0,408
Parameters for directional light sources:			
Peak luminous intensity (cd)	250	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	3	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:29.9C	TempOut:28.7C	Humidity:%
Operator:	Time:09:59:08	Date:2022-6-30

CIE Color Parameter

Chromaticity Coordinate: $x=0.4407$ $y=0.4088$ $u=0.2510$ $v=0.3492$ $duv=0.0014$
CCT: $T_c=2976K$ DominantW.: 583.5nm Purity: 55.0%
Peak Wave: 604nm Half Wave: 128.3nm RatioR=24.6% G=73.7% 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=78	R12=67	R13=82	R14=99	R15=72	

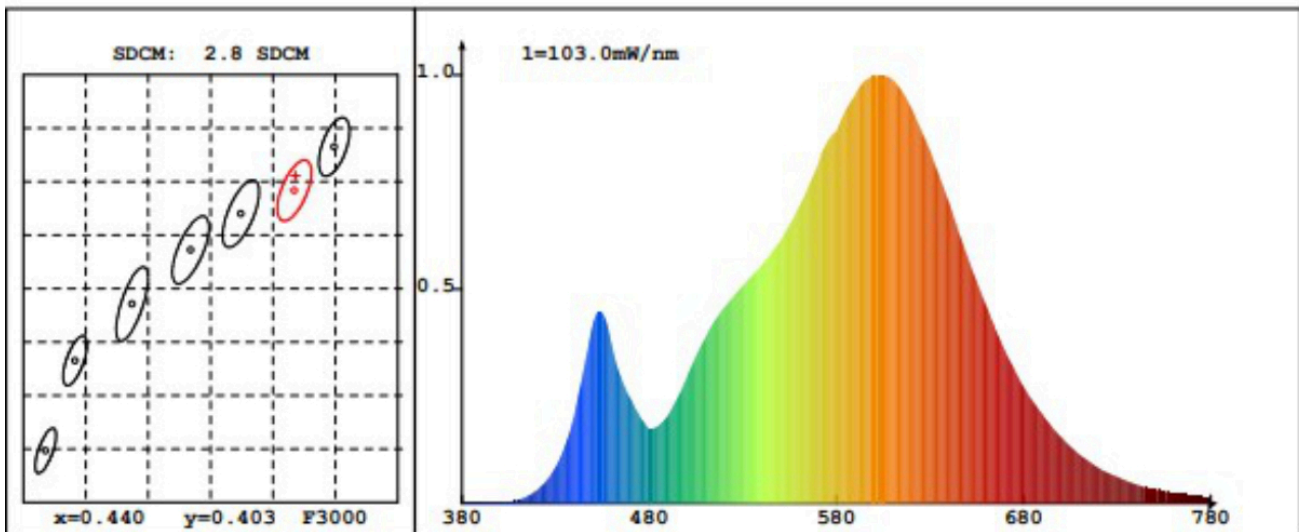


Photo Parameter

Flux: 968.71 lm Efficacy: 87.3lm/W Lumi.Pow: 3.038W

Electrical Parameter

Voltage:221.6V Current:0.090A Power:11.10W PF:0.550

Instrument Status

Instrument:HopooHSP5000	Lamp:A2846K/779.0lm	Scan Range:380nm-780nm
TestModel:Exact	Interval:5nm	PMT Temp:33.5C
Main:6	Id:75	Ip:30969
Reference:3	REF:56017	Undulation:-4.290%