

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: 99XLED638WW

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	18	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°)	1 558 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	2 900
On-mode power (P_{on}), expressed in W	17,7	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	81
Outer dimensions without separate control gear, lighting control	Height	192	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	192	
	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)	0,445 0,411
Parameters for directional light sources:			
Peak luminous intensity (cd)	407	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:28.6C	Humidity:%
Operator:	Time:10:03:27	Date:2022-6-30

CIE Color Parameter

Chromaticity Coordinate: $x=0.4452$ $y=0.4114$ $u=0.2528$ $v=0.3503$ $duv=0.0018$
CCT: $T_c=2924K$ DominantW.: 583.6nm Purity: 57.1%
Peak Wave: 604nm Half Wave: 126.1nm RatioR=24.9% G=73.4% B=1.6%

Rendering Idx: Ra= 81.4 Ra'= 75.1

R1 =79	R2 =90	R3 =97	R4 =79	R5 =79	R6 =87	R7 =83	R8 =57
R9 =2	R10=76	R11=78	R12=68	R13=81	R14=99	R15=72	

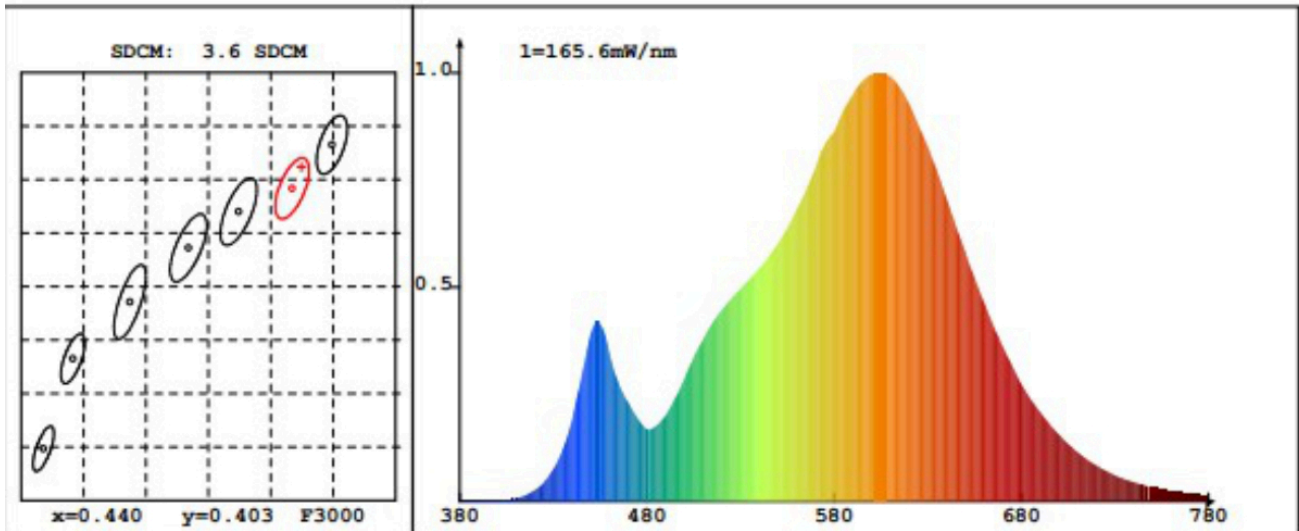


Photo Parameter

Flux: 1558.4 lm Efficacy: 87.7lm/W Lumi.Pow: 4.826W

Electrical Parameter

Voltage:221.6V Current:0.136A Power:17.76W PF:0.590

Instrument Status

Instrument:HopooHSP5000	Lamp:A2846K/779.0lm	Scan Range:380nm-780nm
TestModel:Exact	Interval:5nm	PMT Temp:33.9C
Main:6	Id:77	Ip:49718
Reference:2	REF:9016	Undulation:-2.717%