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: 99XLED632

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:	MLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

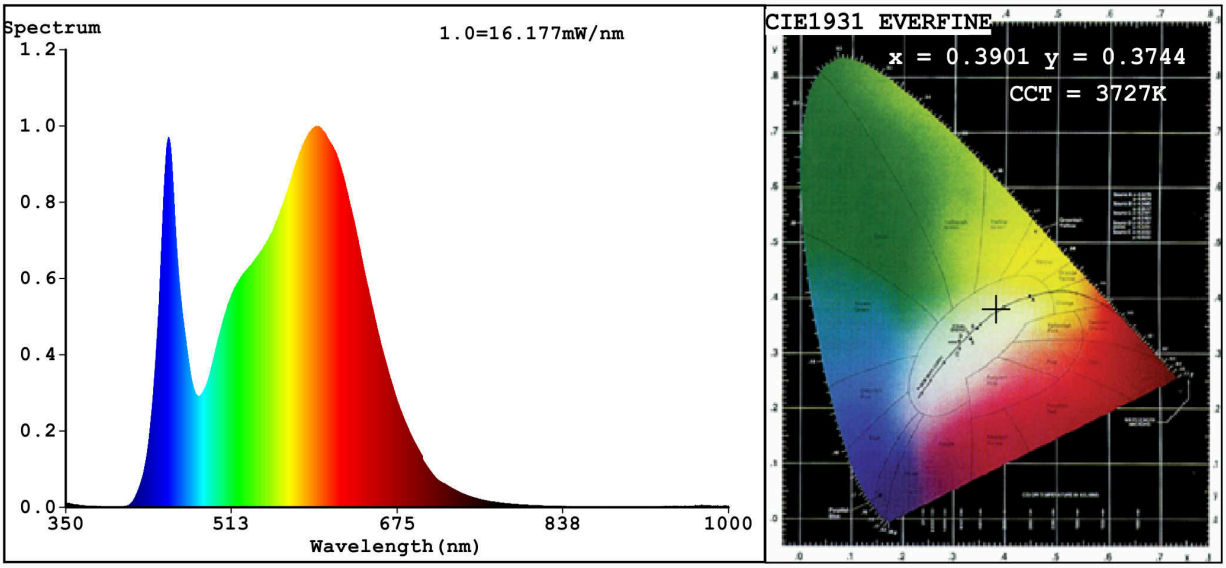
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	880 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	12,2	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	85
Outer dimensions without separate control gear, lighting control — Height	167	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	167		
Depth	18		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,390 0,374
Parameters for directional light sources:				
Peak luminous intensity (cd)		309	Beam angle in degrees, or the range of beam angles that can be set	117
Parameters for LED and OLED light sources:				
R9 colour rendering index value		17	Survival factor	0,70
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	3
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		-[(b)]	If yes then replacement claim (W)	-
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,4

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3901 y=0.3744/u'=0.2324 v'=0.5020

CCT=3727K(Duv=-0.0037) Dominant WL:Ld =582.1nm WL:Lc = --nm Purity=29.4%

Ratio:R=19.8% G=76.6% B=3.6%¡¡Peak WL:Lp=597.8nm FWHM=147.4nm

Render Index:Ra=85.1

R1 =84	R2 =93	R3 =96	R4 =84	R5 =85	R6 =89	R7 =85	
R8 =66	R9 =17	R10=82	R11=84	R12=71	R13=87	R14=98	R15=79

Photo Parameters:

Flux = 879.6 lm Eff. : 71.76 lm/W Fe = 2.732 W

Electrical parameters:

V = 220.06 V I = 0.1098 A P = 12.26 W PF = 0.5071

WHITE:ANSI_4000K

Status: Integral T = 83 ms Ip = 50721 (77%)

Model: LIGHTING SOLUTIONS	Number:99XLED632
Tester:Atanas DAKOV	Date:2020-03-10 13:24:44
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6474