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: 99XLED632CW

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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

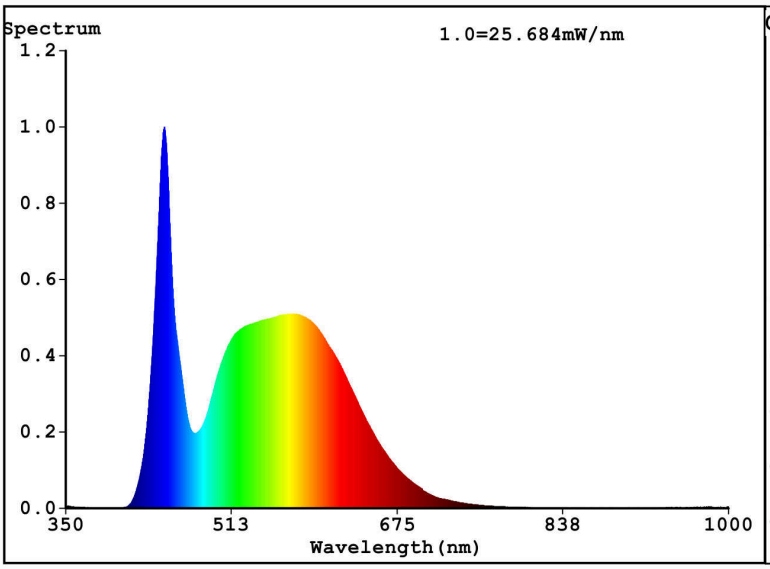
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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	6 000
On-mode power (P_{on}), expressed in W	12,2	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	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	167	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	150		
Depth	18		

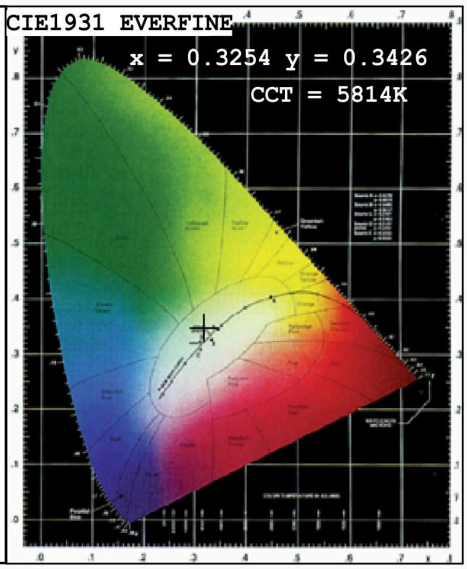
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,325 0,342
Parameters for directional light sources:				
Peak luminous intensity (cd)		446	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	6
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)		0,0	Stroboscopic effect metric (SVM)	0,0

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

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

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3254 y=0.3426/u'=0.2015 v'=0.4773

CCT=5814K(Duv=0.0040) Dominant WL:Ld =508.0nm WL:Lc = --nm Purity=2.4%

Ratio:R=13.9% G=81.4% B=4.7%¡¡Peak WL:Lp=446.8nm FWHM=20.5nm

Render Index:Ra=81.1

R1 =79	R2 =84	R3 =89	R4 =83	R5 =81	R6 =80	R7 =86	
R8 =68	R9 =0	R10=63	R11=83	R12=63	R13=80	R14=94	R15=73

Photo Parameters:

Flux = 848.0 lm Eff. : 69.40 lm/W Fe = 2.677 W

Electrical parameters:

V = 220.02 V I = 0.1094 A P = 12.22 W PF = 0.5078

WHITE:ANSI_5700K

Status: Integral T = 48 ms Ip = 51684 (79%)

Model:LED PANEL SQUARE	Number:99XLED632CW
Tester:Atanas DAKOV	Date:2020-10-08 11:37:42
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6942