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: 99XLED447

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G13		
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

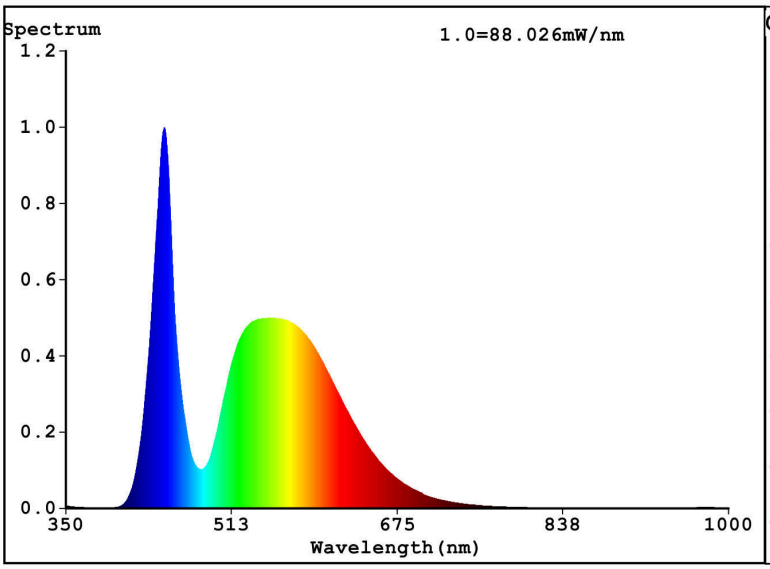
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	2 000 in Sphere (360°)	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	6 400
On-mode power (P_{on}), expressed in W	24,0	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	71
Outer dimensions without — Height	1 513	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	26		
Outer dimensions without — Depth	26		

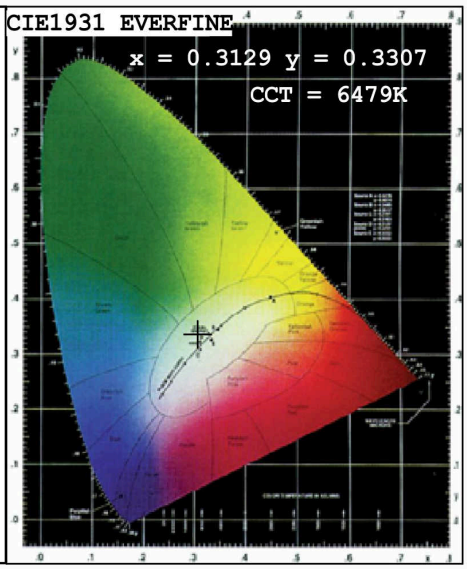
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	126
			Chromaticity coordinates (x and y)	0,312 0,330
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,90
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	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		Yes[b]	If yes then replacement claim (W)	135
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=0.3129 y=0.3307/u'=0.1973 v'=0.4693

CCT=6479K(Duv=0.0040) Dominant WL:Ld =490.1nm WL:Lc = --nm Purity=7.1%

Ratio:R=12.1% G=84.2% B=3.7%¡¡Peak WL:Lp=446.5nm FWHM=23.6nm

Render Index:Ra=71.7

R1 =70	R2 =74	R3 =77	R4 =74	R5 =72	R6 =67	R7 =79	
R8 =61	R9 =0	R10=39	R11=73	R12=46	R13=70	R14=87	R15=64

Photo Parameters:

Flux = 2669 lm Eff. : 111.61 lm/W Fe = 8.360 W

Electrical parameters:

V = 219.97 V I = 0.1873 A P = 23.92 W PF = 0.5804

WHITE:ANSI_6500K

Status: Integral T = 13 ms Ip = 47633 (73%)

Model:LED TUBE	Number:99XLED447
Tester:Atanas DAKOV	Date:2021-01-27 14:26:29
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7292