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: 99LED743

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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

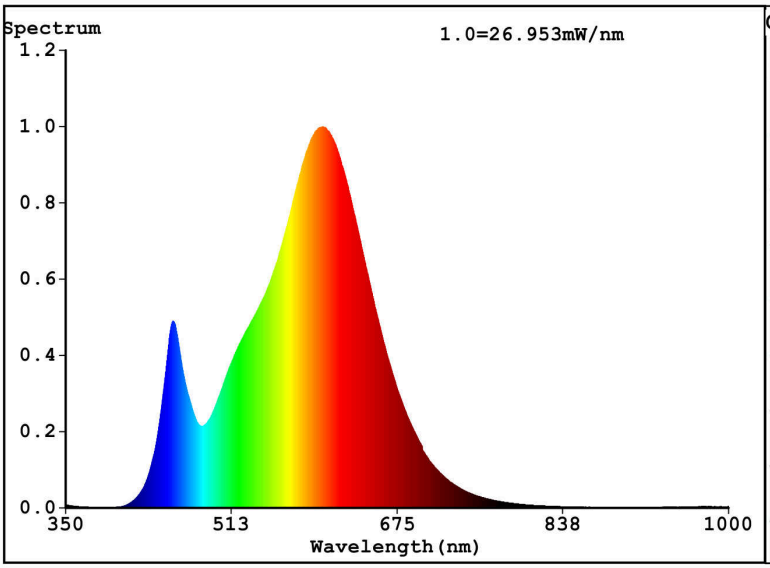
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 250 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	3 000
On-mode power (P_{on}), expressed in W	15,0	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	81
Outer dimensions without — Height	110	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	60		
Outer dimensions without — Depth	60		

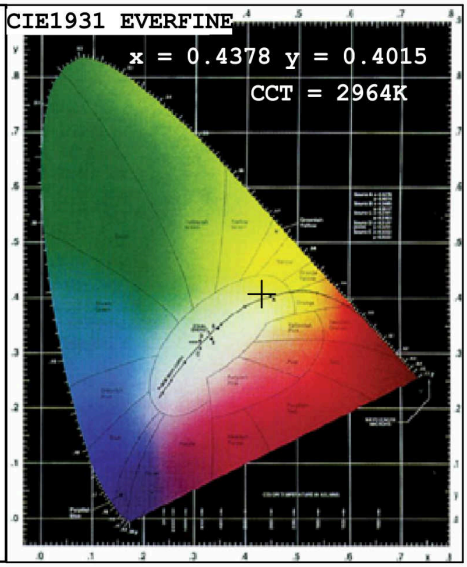
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	100
			Chromaticity coordinates (x and y)	0,437 0,401
Parameters for LED and OLED light sources:				
R9 colour rendering index value		2	Survival factor	0,90
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,00	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)	20
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,2

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4378 y=0.4015/u'=0.2523 v'=0.5205

CCT=2964K(Duv=-0.0011) Dominant WL:Ld =583.4nm WL:Lc = --nm Purity=51.9%

Ratio:R=23.0% G=74.3% B=2.7%¡¡Peak WL:Lp=601.8nm FWHM=121.9nm

Render Index:Ra=81.1

R1 =80	R2 =92	R3 =95	R4 =77	R5 =80	R6 =89	R7 =81	
R8 =56	R9 =2	R10=80	R11=76	R12=72	R13=83	R14=98	R15=72

Photo Parameters:

Flux = 1297 lm Eff. : 92.88 lm/W Fe = 3.986 W

Electrical parameters:

V = 219.86 V I = 0.1142 A P = 13.96 W PF = 0.5560

WHITE:ANSI_3000K

Status: Integral T = 31 ms Ip = 40361 (62%)

Model:LED PEAR A60	Number:99LED743
Tester:Atanas DAKOV	Date:2021-01-29 11:20:20
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7191