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: 95ELLISLEDR9/W

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

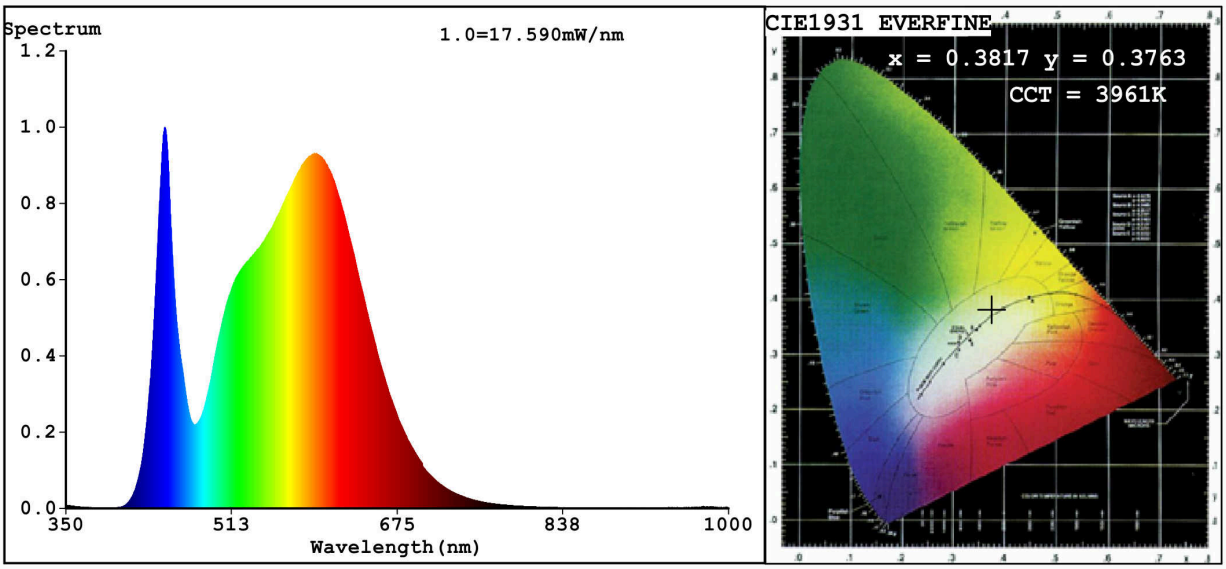
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	900 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	11,7	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	82
Outer dimensions without — Height	100	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	100		
Outer dimensions without — Depth	21		

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]	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,381 0,376
Parameters for directional light sources:			
Peak luminous intensity (cd)	447	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	7	Survival factor	0,50
the lumen maintenance factor	0,93		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ1)	0,20	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=0.3817 y=0.3763/u'=0.2262 v'=0.5016

CCT=3961K(Duv=-0.0006) Dominant WL:Ld =579.5nm WL:Lc = --nm Purity=27.5%

Ratio:R=18.4% G=78.2% B=3.3%¡¡Peak WL:Lp=447.2nm FWHM=22.0nm

Render Index:Ra=82.5 AvgR=76.1 TM30:Rf=83 Rg=97 Lav=569.6nm

R1 =81	R2 =88	R3 =94	R4 =83	R5 =82	R6 =84	R7 =85	
R8 =64	R9 =7	R10=72	R11=83	R12=66	R13=82	R14=96	R15=75

Photo Parameters:

Flux = 932.8 lm Eff. : 79.48 lm/W Fe = 2.844 W

Electrical parameters:

V = 225.13 V I = 0.2085 A P = 11.74 W PF = 0.2501

WHITE:ANSI_4000K

Status: Integral T = 57 ms Ip = 43454 (66%)

Model:LED CEILING LAMP	Number:95ELLISLEDR9 W
Tester:Atanas DAKOV	Date:2021-09-03 13:04:59
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7644