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: 95ELLISLEDS18/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

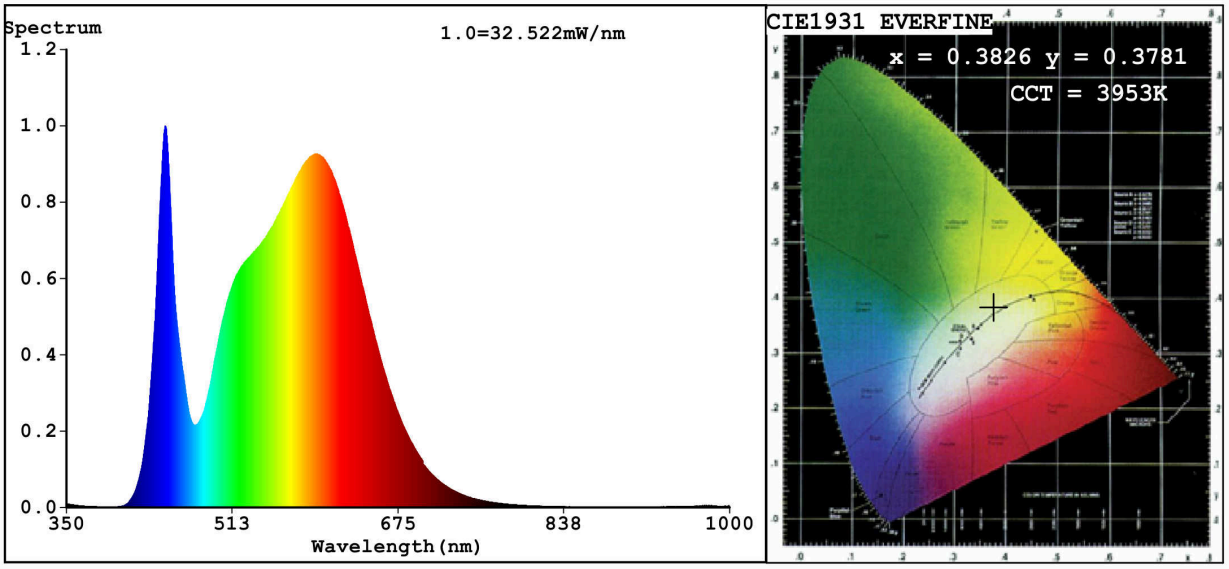
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 700 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	18,8	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	119	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	119		
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)	0,382 0,378
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		8	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,30	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=0.3826 y=0.3781/u'=0.2260 v'=0.5025

CCT=3953K(Duv=0.0000) Dominant WL:Ld =579.2nm WL:Lc = --nm Purity=28.3%

Ratio:R=18.4% G=78.3% B=3.3%¡¡Peak WL:Lp=446.9nm FWHM=21.2nm

Render Index:Ra=82.7 AvgR=76.3 TM30:Rf=84 Rg=97 Lav=570.1nm

R1 =81	R2 =88	R3 =93	R4 =83	R5 =82	R6 =84	R7 =86	
R8 =65	R9 =8	R10=72	R11=83	R12=66	R13=82	R14=96	R15=75

Photo Parameters:

Flux = 1726 lm Eff. : 91.41 lm/W Fe = 5.265 W

Electrical parameters:

V = 225.02 V I = 0.2434 A P = 18.88 W PF = 0.3447

WHITE:ANSI_4000K

Status: Integral T = 36 ms Ip = 50467 (77%)

Model:LED CEILING LAMP
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:95ELLISLEDR18 W
Date:2021-09-03 11:18:09
Humidity:65.0%
Remarks:7644