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: 95AMYLEDS18/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

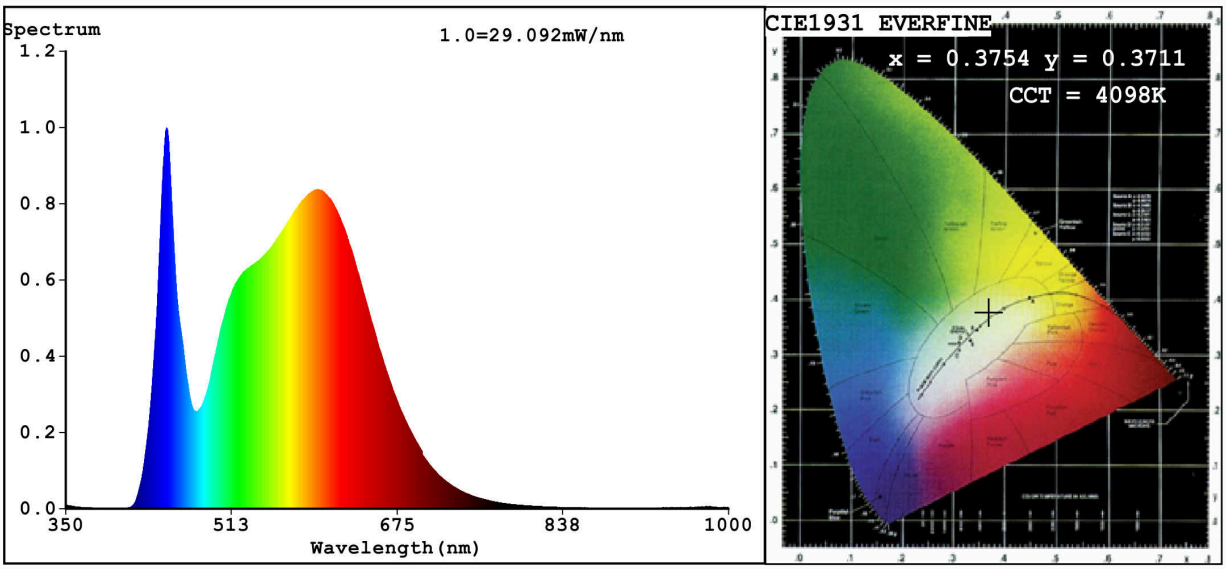
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 440 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	19,6	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	86
Outer dimensions without — Height	330	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	330		
Outer dimensions without — Depth	57		

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)	0,375 0,371
Parameters for directional light sources:				
Peak luminous intensity (cd)		448	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		28	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,37	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=0.3754 y=0.3711/u'=0.2241 v'=0.4983

CCT=4098K(Duv=-0.0012) Dominant WL:Ld =579.4nm WL:Lc = --nm Purity=24.0%

Ratio:R=18.6% G=77.6% B=3.8%¡¡Peak WL:Lp=448.9nm FWHM=22.6nm

Render Index:Ra=86.6 AvgR=81.4 TM30:Rf=86 Rg=98 Lav=570.5nm

R1 =86	R2 =91	R3 =94	R4 =87	R5 =86	R6 =87	R7 =89	
R8 =72	R9 =28	R10=78	R11=87	R12=69	R13=87	R14=97	R15=81

Photo Parameters:

Flux = 1446 lm Eff. : 73.80 lm/W Fe = 4.607 W

Electrical parameters:

V = 225.21 V I = 0.2320 A P = 19.60 W PF = 0.3750

WHITE:ANSI_4000K

Status: Integral T = 49 ms Ip = 54497 (83%)

Model:LED CEILING LAMP	Number:95AMYLEDS18 /W
Tester:Atanas DAKOV	Date:2021-08-30 14:40:39
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7644