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: 95AMYLEDS24/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

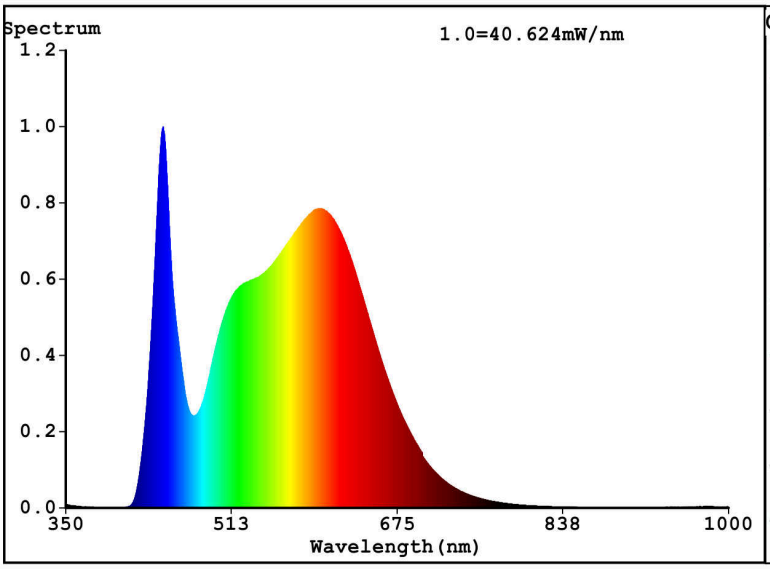
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 900 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	26,9	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	88
Outer dimensions without separate control gear, lighting control — Height	375	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	375		
Depth	60		

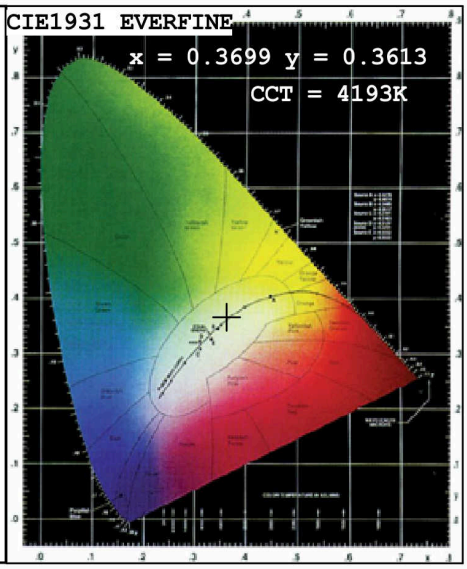
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,369 0,361
Parameters for directional light sources:				
Peak luminous intensity (cd)		445	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		38	Survival factor	0,60
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,44	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=0.3699 y=0.3613/u'=0.2243 v'=0.4930

CCT=4193K(Duv=-0.0042) Dominant WL:Ld =581.4nm WL:Lc = --nm Purity=19.4%

Ratio:R=18.8% G=77.3% B=3.9%¡¡Peak WL:Lp=445.5nm FWHM=23.2nm

Render Index:Ra=88.4 AvgR=84.2 TM30:Rf=86 Rg=100 Lav=568.5nm

R1 =89	R2 =92	R3 =94	R4 =89	R5 =89	R6 =89	R7 =89	
R8 =76	R9 =38	R10=81	R11=91	R12=77	R13=89	R14=96	R15=85

Photo Parameters:

Flux = 1898 lm Eff. : 70.48 lm/W Fe = 6.201 W

Electrical parameters:

V = 225.26 V I = 0.2702 A P = 26.93 W PF = 0.4423

WHITE:ANSI_4000K

Status: Integral T = 31 ms Ip = 47519 (73%)

Model:LED CEILING LAMP	Number:95AMYLEDS24 /W
Tester:Atanas DAKOV	Date:2021-08-30 15:43:54
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7808