

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: ELMARK

Supplier's address: ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

Model identifier: 955AXEL30496

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

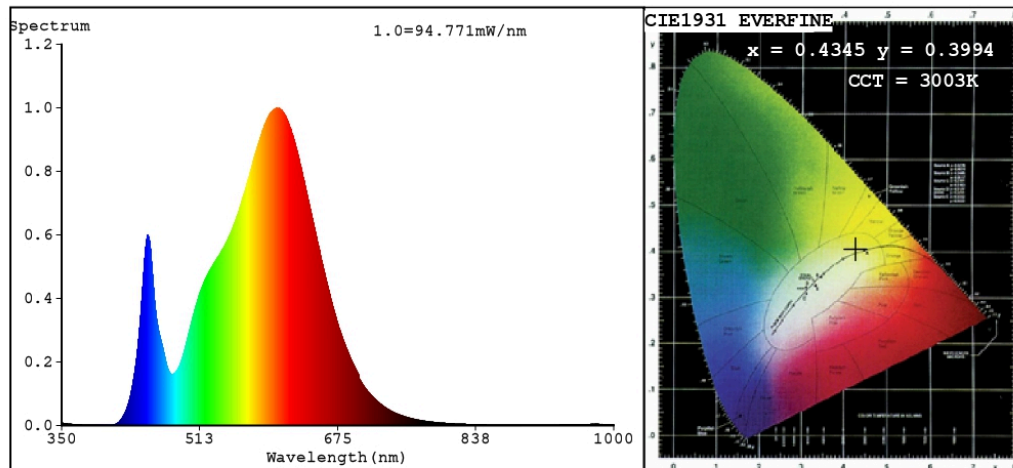
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	96	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 650 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	95,7	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 separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,434 0,399	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	8	Survival factor	0,50	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	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: $x=0.4345$ $y=0.3994$ $u'=0.2510$ $v'=0.5192$
 CCT=3003K (Duv=-0.0015) Dominant WL: $\lambda_d = 583.4\text{nm}$ WL: $\lambda_c = \text{--nm}$ Purity=50.3%
 Ratio: R=22.9% G=74.7% B=2.4% ; Peak WL: $\lambda_p = 603.1\text{nm}$ FWHM=130.8nm
 Render Index: $R_a = 82.4$

R1 =81	R2 =90	R3 =96	R4 =80	R5 =81	R6 =88	R7 =83
R8 =60	R9 =8	R10=78	R11=79	R12=69	R13=83	R14=98 R15=74

Photo Parameters:

Flux = 4647 lm Eff. : 48.54 lm/W $\Phi_e = 14.26\text{ W}$

Electrical parameters:

V = 229.68 V I = 0.4348 A P = 95.73 W PF = 0.9586
 WHITE:ANSI_3000K

~~Status: Integral T = 12 ms $I_p = 55713$ (85%)~~

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

Number: 955AXEL30496
 Date: 2022-11-23 14:38:29
 Humidity: 65.0%
 Remarks: 8911