

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: 955AXEL3008W

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

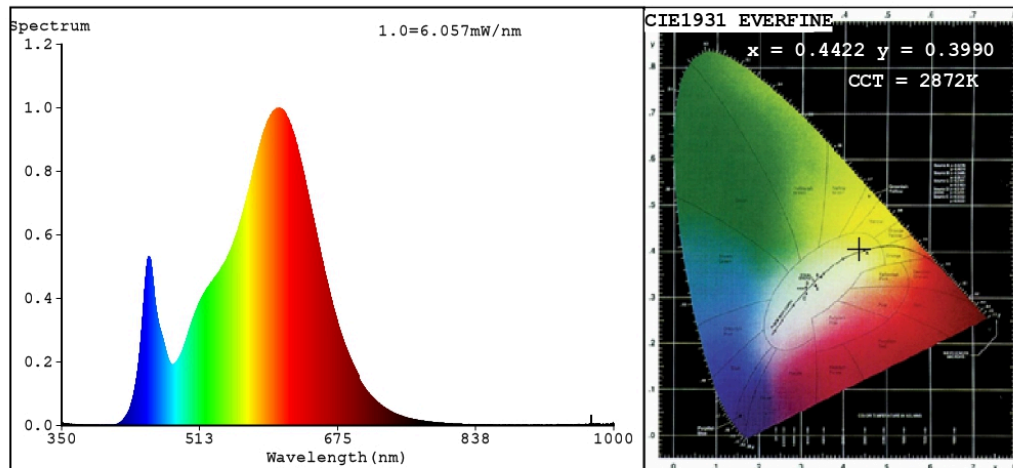
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	300 in Nar-row cone (90°)	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	2 900
On-mode power (P_{on}), expressed in W	7,2	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	83
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)	0,442 0,399	
Parameters for directional light sources:				
Peak luminous intensity (cd)	606	Beam angle in degrees, or the range of beam angles that can be set	60	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	11	Survival factor	0,50	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,60	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)	0,2	Stroboscopic effect metric (SVM)	0,2	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4422$ $y=0.3990$ $u'=0.2562$ $v'=0.5201$
 $CCT=2872K$ ($Duv=-0.0027$) Dominant WL: $\lambda_d = 584.4nm$ WL: $\lambda_c = --nm$ Purity=52.5%
 Ratio: $R=24.1\%$ $G=73.3\%$ $B=2.6\%$; Peak WL: $\lambda_p = 606.1nm$ FWHM=119.2nm
 Render Index: $Ra=83.3$

R1 =83	R2 =93	R3 =94	R4 =81	R5 =83	R6 =92	R7 =81
R8 =59	R9 =11	R10=85	R11=81	R12=76	R13=85	R14=98 R15=75

Photo Parameters:

Flux = 285.4 lm Eff. : 39.38 lm/W $\Phi_e = 887.8 mW$

Electrical parameters:

$V = 229.91 V$ $I = 0.04622 A$ $P = 7.248 W$ $PF = 0.6821$
 WHITE:ANSI_3000K

~~Status: Integral T = 172 ms $I_p = 50998 (78\%)$~~

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

Number:955AXEL3008W
 Date:2022-11-24 13:55:32
 Humidity:65.0%
 Remarks:8911