

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: 955ELIN3043

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

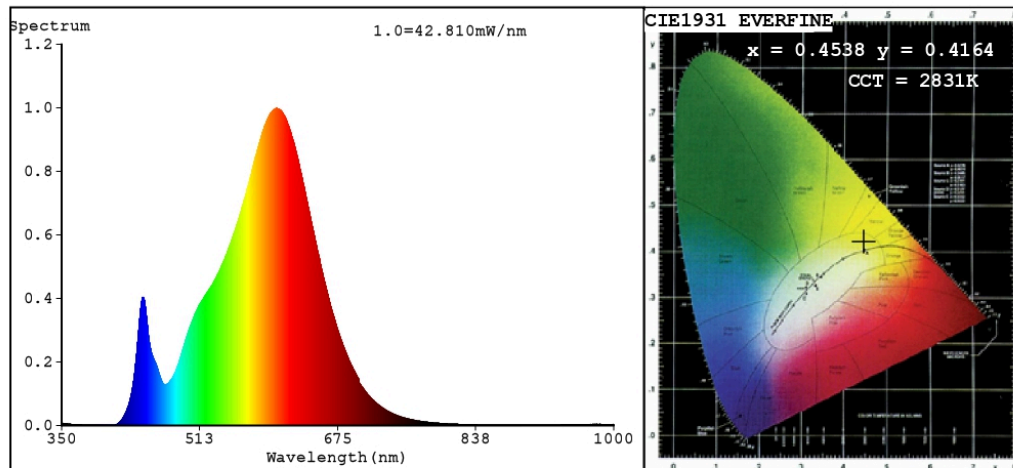
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	43	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	3 000 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	2 900
On-mode power (P_{on}), expressed in W	39,0	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	80
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)	0,453 0,416	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	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: $x=0.4538$ $y=0.4164$ $u'=0.2561$ $v'=0.5286$
 CCT=2831K (Duv=0.0027) Dominant WL:Ld =582.7nm WL:Lc = --nm Purity=61.2%
 Ratio:R=23.5% G=74.3% B=2.1%; Peak WL:Lp=603.1nm FWHM=117.5nm
 Render Index:Ra=80.1

R1 =77	R2 =88	R3 =97	R4 =78	R5 =77	R6 =86	R7 =82
R8 =54	R9 =0	R10=75	R11=77	R12=70	R13=80	R14=99 R15=69

Photo Parameters:

Flux = 2022 lm Eff. : 51.83 lm/W Fe = 6.023 W

Electrical parameters:

V = 229.78 V I = 0.1832 A P = 39.01 W PF = 0.9267
 WHITE:ANSI_2700K

~~Status: Integral T = 22 ms Ip = 46149 (70%)~~

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

Number:955ELIN3043
 Date:2022-11-24 11:06:49
 Humidity:65.0%
 Remarks:8911