

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: 955COLIN72/12

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:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

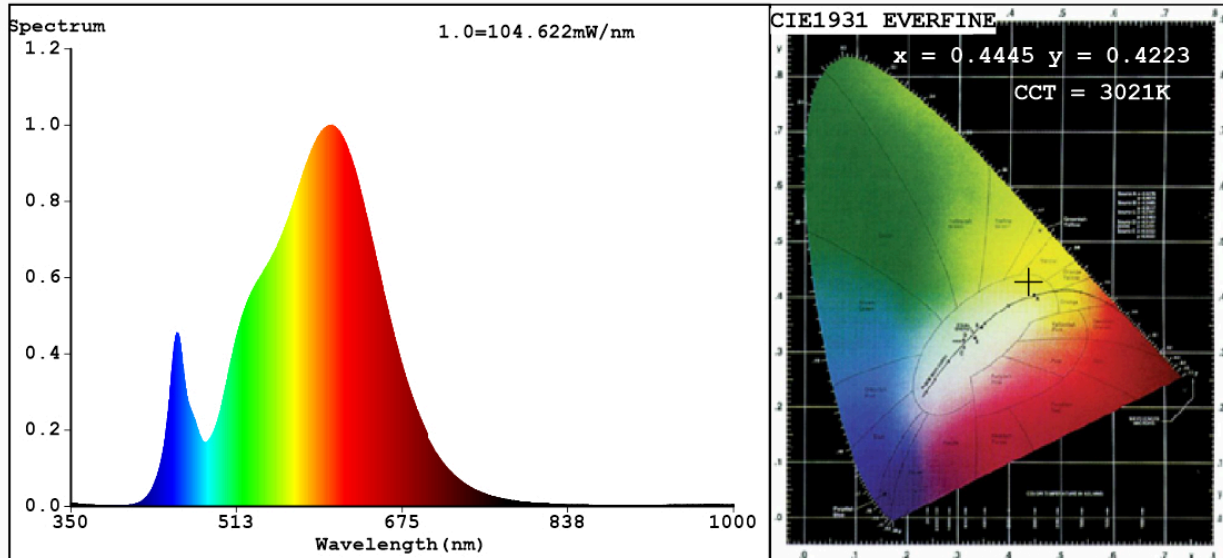
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	52	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	5 400 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	3 000
On-mode power (P_{on}), expressed in W	51,0	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	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)	0,445 0,422	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	11	Survival factor	1,00	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	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: $x=0.4445$ $y=0.4223$ $u'=0.2476$ $v'=0.5295$
CCT=3021K (Duv=0.0061) Dominant WL:Ld =580.8nm WL:Lc = --nm Purity=60.2%
Ratio:R=22.4% G=75.5% B=2.1% Peak WL:Lp=606.4nm FWHM=143.9nm
Render Index:Ra=82.5

R1 =80	R2 =88	R3 =96	R4 =81	R5 =79	R6 =85	R7 =87
R8 =63	R9 =11	R10=72	R11=80	R12=60	R13=82	R14=97
						R15=73

Photo Parameters:

Flux = 5363 lm Eff. : 104.18 lm/W Fe = 16.18 W

Electrical parameters:

V = 229.34 V I = 0.4540 A P = 51.48 W PF = 0.4945

WHITE:OUT

Status: Integral T = 9 ms Ip = 46115 (70%)

Model:LED CHANDELIER
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:955COLIN12
Date:2022-09-05 10:06:14
Humidity:65.0%
Remarks:8839