

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: 955COLIN12

Type of light source:

Lighting technology used:	mixed	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G9 and Integrated LED		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	Second
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

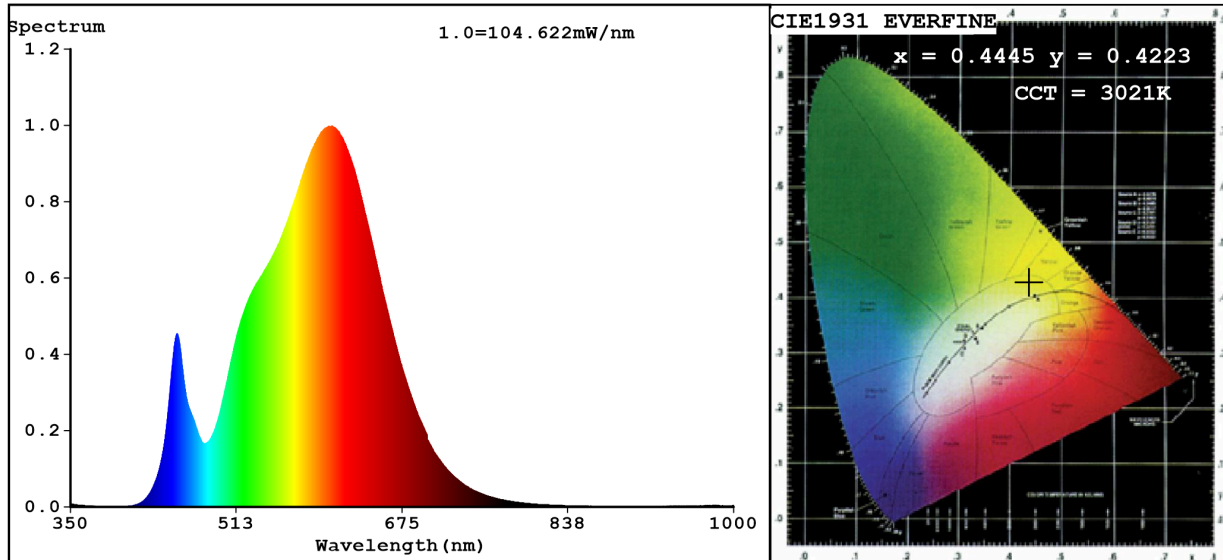
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	52	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	5 300 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	51,4	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)	0,444 0,422	

(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