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: 955COLIN108/18

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

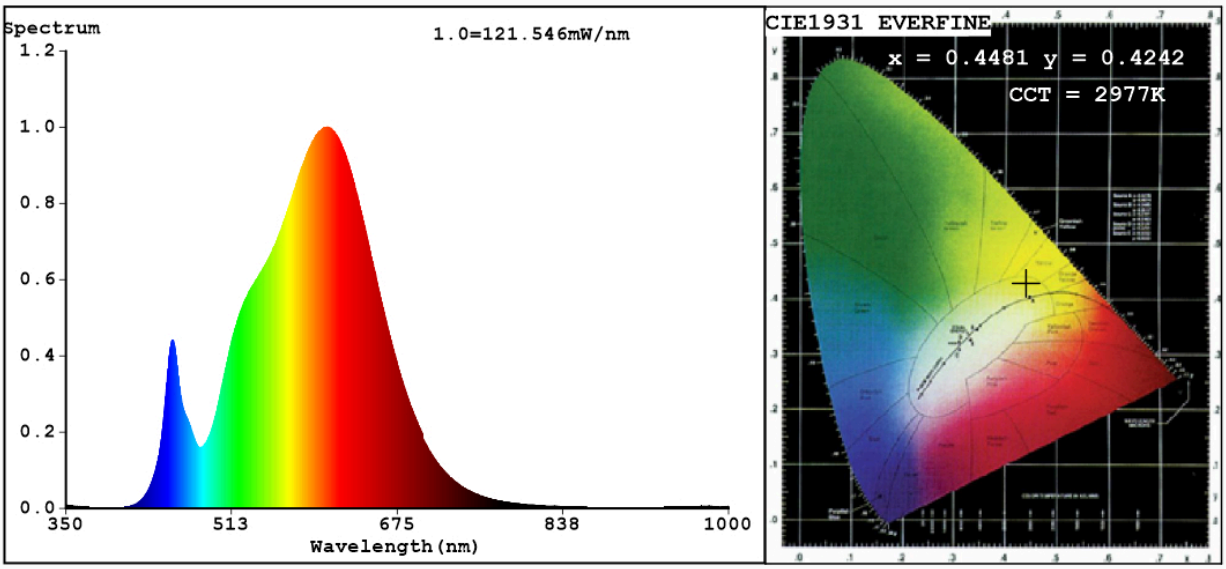
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	70	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	6 200 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	2 700
On-mode power (P_{on}), expressed in W	63,1	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	450	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	1 100		
Depth	1 100		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,448 0,424
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	1,00
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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=0.4481 y=0.4242/u'=0.2492 v'=0.5307

CCT=2977K(Duv=0.0063) Dominant WL:Ld =581.0nm WL:Lc = --nm Purity=61.9%

Ratio:R=22.7% G=75.2% B=2.1%¡¡Peak WL:Lp=606.4nm FWHM=144.0nm

Render Index:Ra=82.6

R1 =80	R2 =88	R3 =96	R4 =81	R5 =79	R6 =85	R7 =87	
R8 =63	R9 =13	R10=72	R11=80	R12=60	R13=82	R14=97	R15=73

Photo Parameters:

Flux = 6186 lm Eff. : 97.96 lm/W Fe = 18.71 W

Electrical parameters:

V = 229.57 V I = 0.5616 A P = 63.15 W PF = 0.4898

WHITE:OUT

Status: Integral T = 9 ms Ip = 53546 (82%)

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

Number:955COLIN108 18
Date:2022-09-01 10:54:50
Humidity:65.0%
Remarks:8839