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: 955MARCELLA4A

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

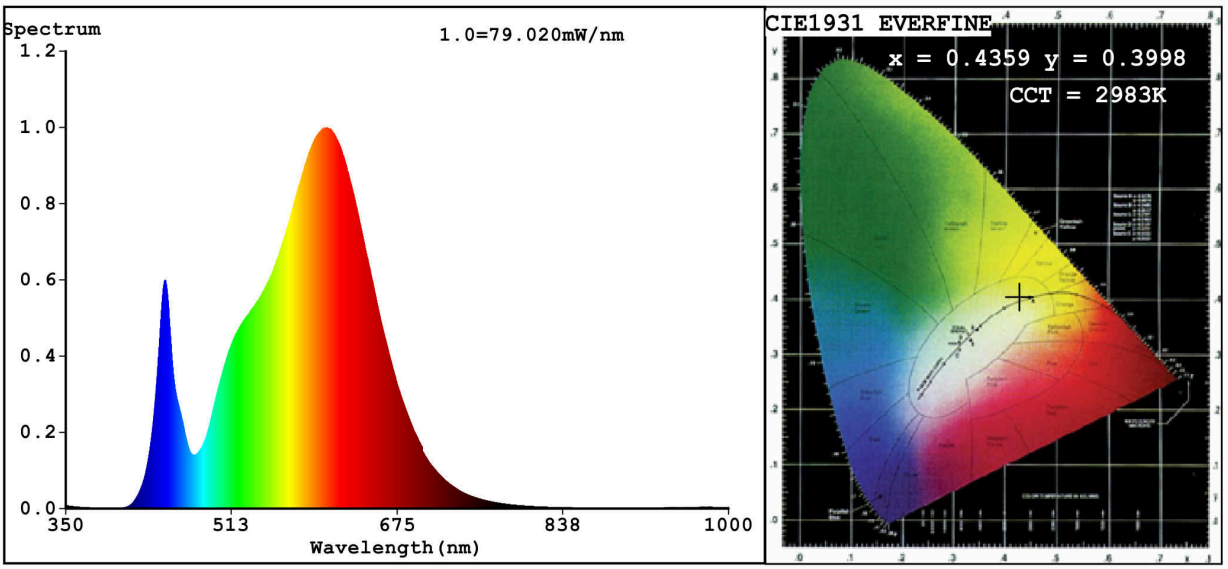
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	42	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	3 200 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	49,3	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 — Height	1 500	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	520		
Outer dimensions without — Depth	740		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,435 0,399
Parameters for LED and OLED light sources:				
R9 colour rendering index value		12	Survival factor	0,00
the lumen maintenance factor		0,00		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,70	Colour consistency in McAdam ellipses	0
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=0.4359 y=0.3998/u'=0.2517 v'=0.5195

CCT=2983K(Duv=-0.0016) Dominant WL:Ld =583.5nm WL:Lc = --nm Purity=50.8%

Ratio:R=23.2% G=74.4% B=2.3%¡¡Peak WL:Lp=606.1nm FWHM=132.3nm

Render Index:Ra=83.5 AvgR=78.2 TM30:Rf=83 Rg=98 Lav=590.1nm

R1 =82	R2 =90	R3 =97	R4 =83	R5 =82	R6 =88	R7 =84	
R8 =61	R9 =12	R10=78	R11=83	R12=74	R13=84	R14=98	R15=75

Photo Parameters:

Flux = 3863 lm Eff. : 78.21 lm/W Fe = 11.93 W

Electrical parameters:

V = 225.04 V I = 0.2916 A P = 49.39 W PF = 0.7527

WHITE:ANSI_3000K

Status: Integral T = 15 ms Ip = 54856 (84%)

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

Number:955MARCELLA4A
Date:2021-09-07 13:47:02
Humidity:65.0%
Remarks:7478