

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: 955MARCELLA3R

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

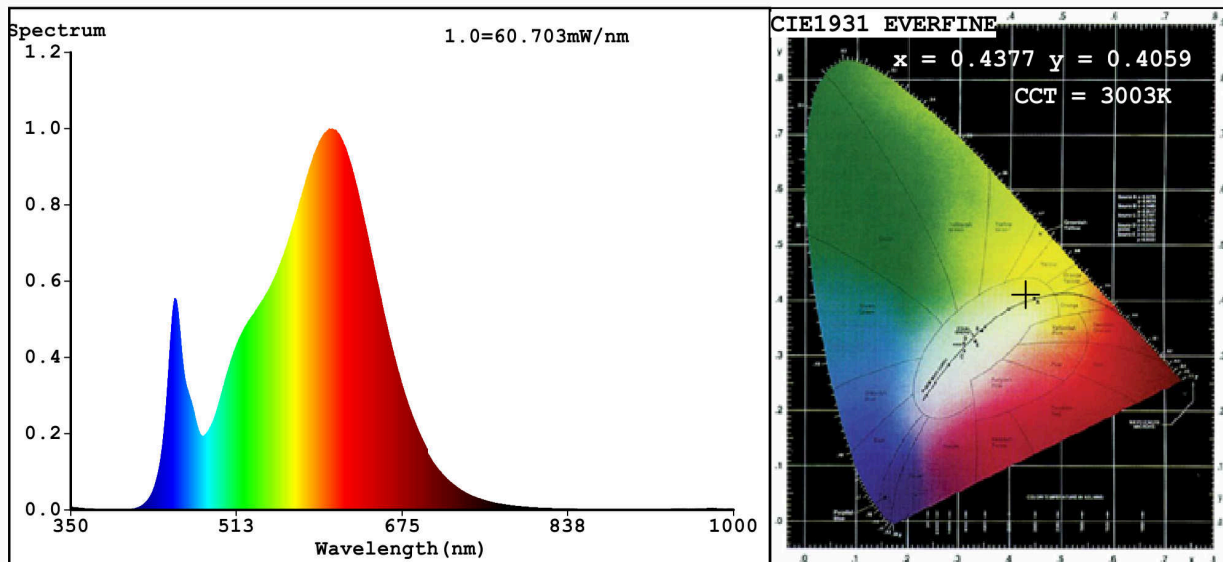
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	33	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 900 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	33,9	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	84
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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)	0,437 0,405	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	14	Survival factor	0,00	
the lumen maintenance factor	0,00			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,60	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: $x=0.4377$ $y=0.4059$ $u'=0.2503$ $v'=0.5222$
CCT=3003K (Duv=0.0006) Dominant WL:Ld =582.6nm WL:Lc = --nm Purity=53.2%
Ratio:R=23.1% G=74.3% B=2.6%; Peak WL:Lp=606.4nm FWHM=132.6nm
Render Index:Ra=84.2 AvgR=78.8 TM30:Rf=85 Rg=96 Lav=590.2nm

R1 =83	R2 =92	R3 =97	R4 =82	R5 =83	R6 =91	R7 =84
R8 =62	R9 =14	R10=82	R11=82	R12=71	R13=85	R14=99 R15=76

Photo Parameters:

Flux = 2982 lm Eff. : 87.80 lm/W Fe = 9.128 W

Electrical parameters:

V = 225.16 V I = 0.2433 A P = 33.96 W PF = 0.6199

WHITE:ANSI_3000K

Status: Integral T = 19 ms Ip = 56271 (86%)

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

Number:955MARCELLA3R
Date:2021-10-19 08:28:15
Humidity:65.0%
Remarks:7281