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: 99LED881CW

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated LED		
Mains or non-mains:	NMLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

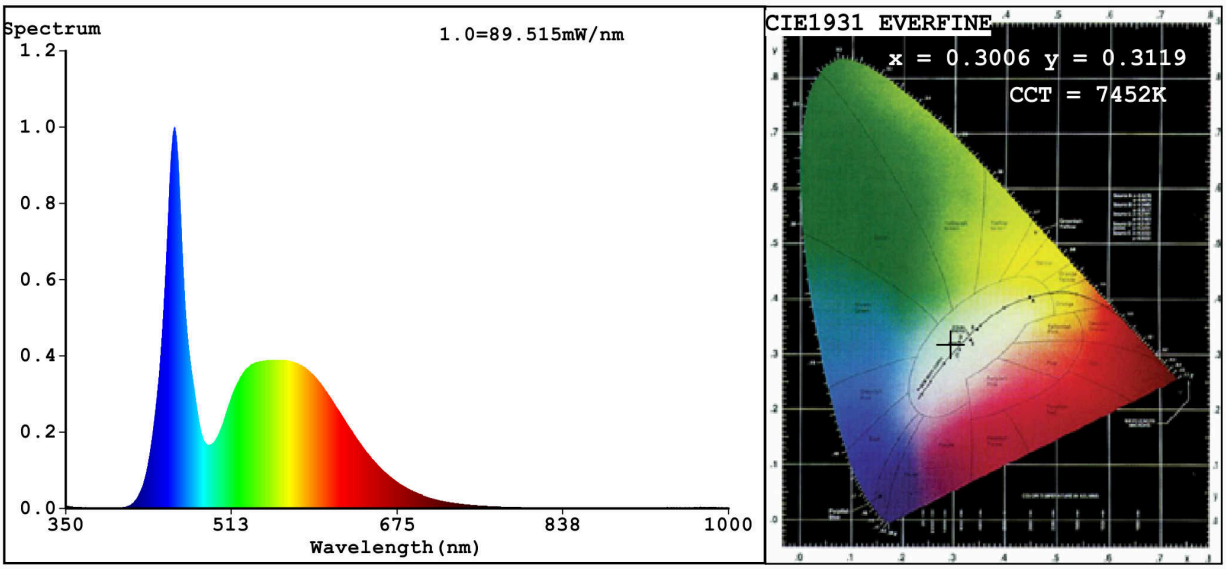
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	2 000 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	6 500
On-mode power (P_{on}), expressed in W	20,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,20	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	81
Outer dimensions without separate control gear, lighting control — Height	1 000	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	10		
Outer dimensions without separate control gear, lighting control — Depth	2		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,300 0,311
Parameters for directional light sources:				
Peak luminous intensity (cd)		670	Beam angle in degrees, or the range of beam angles that can be set	117
Parameters for LED and OLED light sources:				
R9 colour rendering index value		4	Survival factor	0,90
the lumen maintenance factor		0,90		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3006 y=0.3119/u'=0.1958 v'=0.4571

CCT=7452K(Duv=0.0007) Dominant WL:Ld =482.8nm WL:Lc = --nm Purity=12.9%

Ratio:R=12.6% G=81.3% B=6.1%¡¡Peak WL:Lp=456.7nm FWHM=22.2nm

Render Index:Ra=81.3 AvgR=73.5 TM30:Rf=79 Rg=92 Lav=534.7nm

R1 =80	R2 =88	R3 =89	R4 =78	R5 =79	R6 =80	R7 =87	
R8 =69	R9 =4	R10=68	R11=75	R12=49	R13=84	R14=94	R15=78

Photo Parameters:

Flux = 2208 lm Eff. : 108.10 lm/W Fe = 7.323 W

Electrical parameters:

V = 24.159 V I = 0.8454 A P = 20.42 W PF = 1.000

WHITE:OUT

Status: Integral T = 13 ms Ip = 51065 (78%)

Model:LED STRIP LIGHTS	Number:99LED881CW
Tester:Atanas DAKOV	Date:2021-07-29 08:32:58
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks: