

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: 99LED882

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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

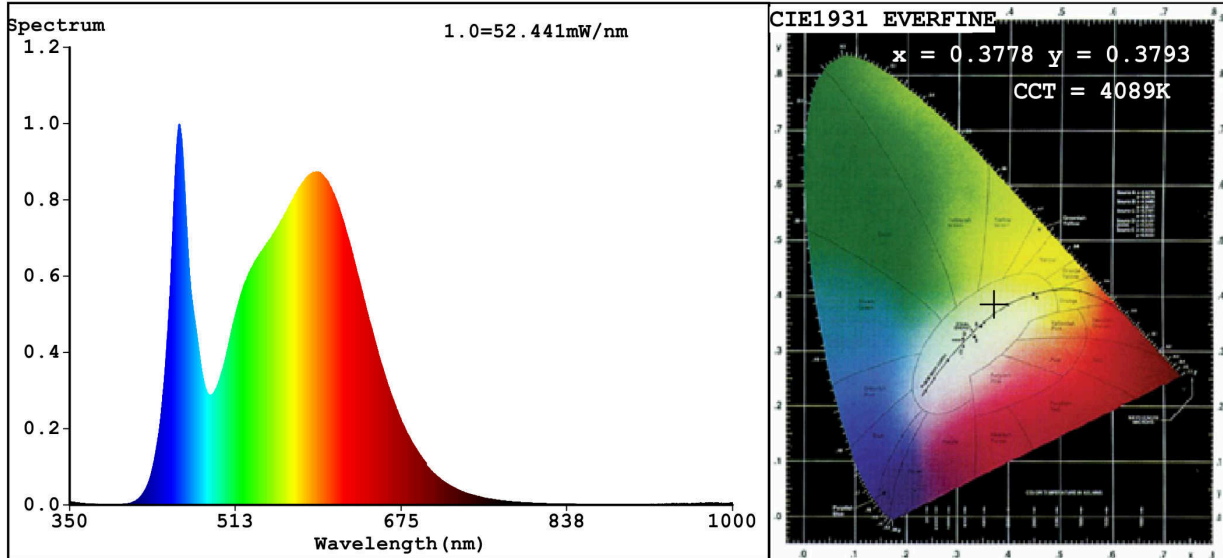
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 600 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	4 000
On-mode power (P_{on}), expressed in W	21,1	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	81
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)	0,377 0,379
Parameters for directional light sources:			
Peak luminous intensity (cd)	457	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:			
R9 colour rendering index value	3	Survival factor	0,00
the lumen maintenance factor	0,00		

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3778$ $y=0.3793$ / $u'=0.2224$ $v'=0.5023$
 CCT=4089K (Duv=0.0020) Dominant WL:Ld =577.7nm WL:Lc = --nm Purity=27.2%
 Ratio:R=17.8% G=78.3% B=4.0%; Peak WL:Lp=457.4nm FWHM=25.0nm
 Render Index:Ra=81.7 AvgR=74.6 TM30:Rf=82 Rg=92 Lav=568.4nm

R1 =80 R2 =90 R3 =95 R4 =77 R5 =79 R6 =85 R7 =84
 R8 =62 R9 =3 R10=76 R11=75 R12=56 R13=83 R14=98 R15=74

Photo Parameters:

Flux = 2648 lm Eff. : 125.00 lm/W Fe = 8.002 W

Electrical parameters:

V = 24.342 V I = 0.8703 A P = 21.18 W PF = 1.000
 WHITE:ANSI_4000K

Status: Integral T = 22 ms Ip = 51106 (78%)
 Model:LED STRIP LIGHTS Number:99LED882
 Tester:Atanas DAKOV Date:2021-07-30 12:58:16
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer:ELMARK Remarks: