

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: 99LED687

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:	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

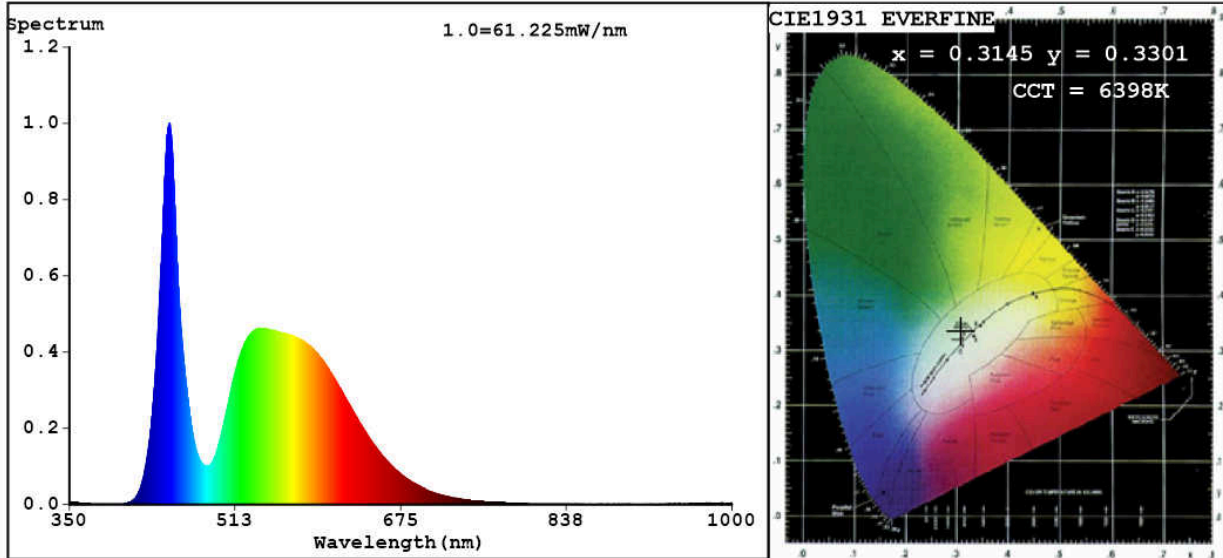
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 700 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	6 400
On-mode power (P_{on}), expressed in W	17,5	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	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	74
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
	Width	4	
	Depth	3	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,314 0,330
Parameters for LED and OLED light sources:			
R9 colour rendering index value	0	Survival factor	0,50
the lumen maintenance factor	0,95		

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3145$ $y=0.3301$ / $u'=0.1987$ $v'=0.4692$
 CCT=6398K (Duv=0.0028) Dominant WL:Ld =489.5nm WL:Lc = --nm Purity=6.6%
 Ratio:R=12.7% G=83.4% B=3.9%; Peak WL:Lp=448.2nm FWHM=20.8nm
 Render Index:Ra=74.7 AvgR=66.2 TM30:Rf=76 Rg=94 Lav=541.6nm

R1 =74 R2 =77 R3 =78 R4 =77 R5 =75 R6 =70 R7 =82
 R8 =65 R9 =0 R10=45 R11=75 R12=44 R13=74 R14=88 R15=69

Photo Parameters:

Flux = 1718 lm Eff. : 97.92 lm/W Fe = 5.384 W

Electrical parameters:

V = 12.080 V I = 1.452 A P = 17.54 W PF = 1.000
 WHITE:ANSI_6500K

Status: Integral T = 20 ms Ip = 50446 (77%)

Model:LED STRIP LIGHT
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED687
 Date:2022-03-22 13:09:27
 Humidity:65.0%
 Remarks:1935