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: 99LED688

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

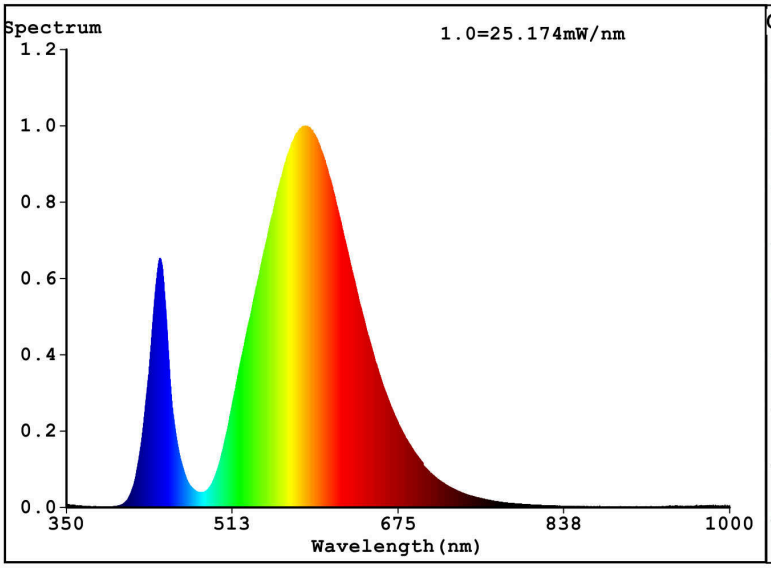
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	29	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	2 200 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	3 000
On-mode power (P_{on}), expressed in W	19,9	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	62
Outer dimensions without — Height	1 000	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	15		
Outer dimensions without — Depth	2		

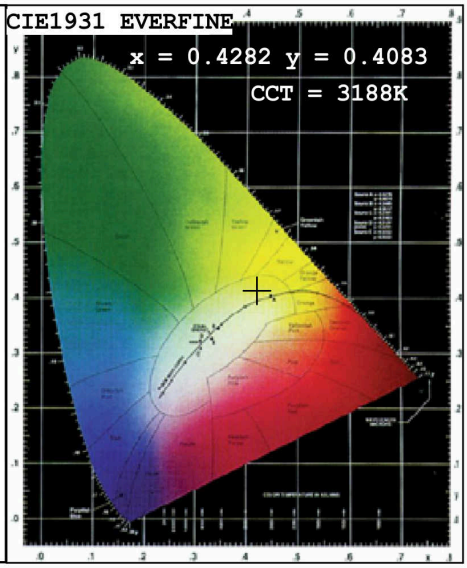
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,428 0,408
Parameters for directional light sources:				
Peak luminous intensity (cd)		582	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		0	Survival factor	0,00
the lumen maintenance factor		0,00		

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

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

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4282 y=0.4083/u'=0.2431 v'=0.5217

CCT=3188K(Duv=0.0030) Dominant WL:Ld =581.0nm WL:Lc = --nm Purity=51.1%

Ratio:R=18.6% G=80.3% B=1.1%¡¡Peak WL:Lp=582.2nm FWHM=111.1nm

Render Index:Ra=62.2 AvgR=53.7 TM30:Rf=65 Rg=91 Lav=581.2nm

R1 =57	R2 =72	R3 =84	R4 =59	R5 =55	R6 =58	R7 =75	
R8 =37	R9 =0	R10=34	R11=48	R12=26	R13=59	R14=91	R15=51

Photo Parameters:

Flux = 1249 lm Eff. : 62.57 lm/W Fe = 3.457 W

Electrical parameters:

V = 12.080 V I = 1.653 A P = 19.96 W PF = 1.000

WHITE:ANSI_3000K

Status: Integral T = 43 ms Ip = 54636 (83%)

Model:LED STRIP LIGHTS	Number:99LED688
Tester:Atanas DAKOV	Date:2021-07-29 08:46:15
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks: