

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: 99LED951

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:	Yes

Product parameters

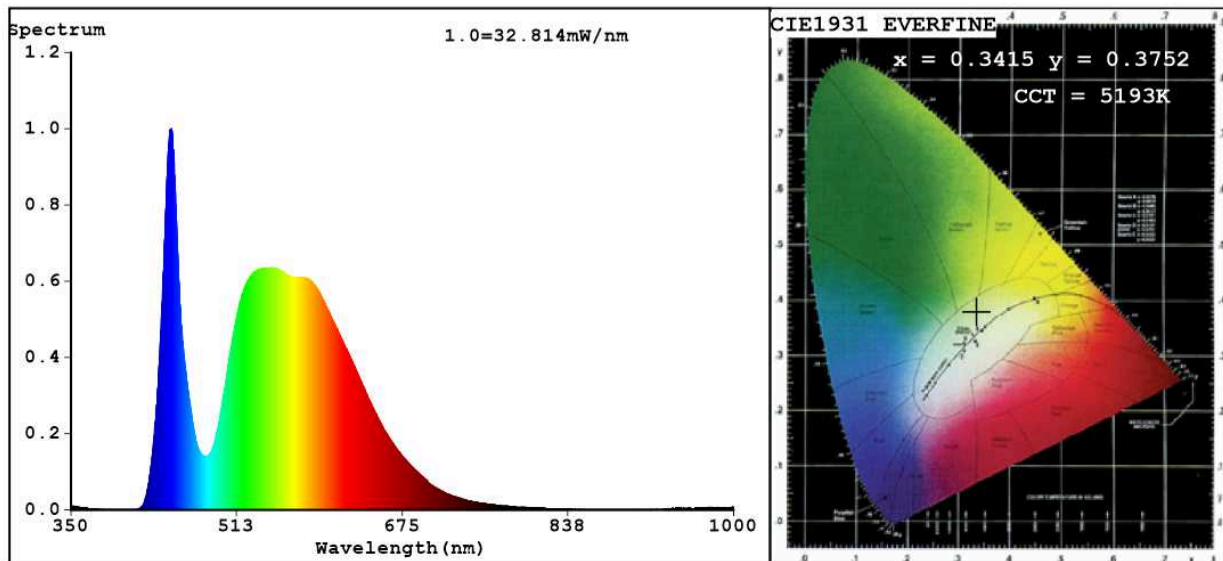
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 300 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	6 000
On-mode power (P_{on}), expressed in W	46,0	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	73
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,341 0,375	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,50	
the lumen maintenance factor	0,93			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3415$ $y=0.3752$ $u'=0.2003$ $v'=0.4952$
 CCT=5193K (Duv=0.0128) Dominant WL:Ld =562.0nm WL:Lc = --nm Purity=15.1%
 Ratio:R=13.4% G=83.3% B=3.3%; Peak WL:Lp=447.9nm FWHM=19.2nm
 Render Index:Ra=73.9

R1 =70	R2 =77	R3 =85	R4 =75	R5 =71	R6 =71	R7 =84
R8 =59	R9 =0	R10=48	R11=73	R12=44	R13=71	R14=92 R15=62

Photo Parameters:

Flux = 1294 lm Eff. : 28.09 lm/W Fe = 3.809 W

Electrical parameters:

V = 22.941 V I = 2.007 A P = 46.05 W PF = 1.000

WHITE:OUT

Status: Integral T = 49 ms Ip = 50822 (78%)

Model:LED NEON FLEX
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number: 99LED951
 Date:2020-01-07 15:41:08
 Humidity:65.0%
 Remarks:6292