

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: 99LED864

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

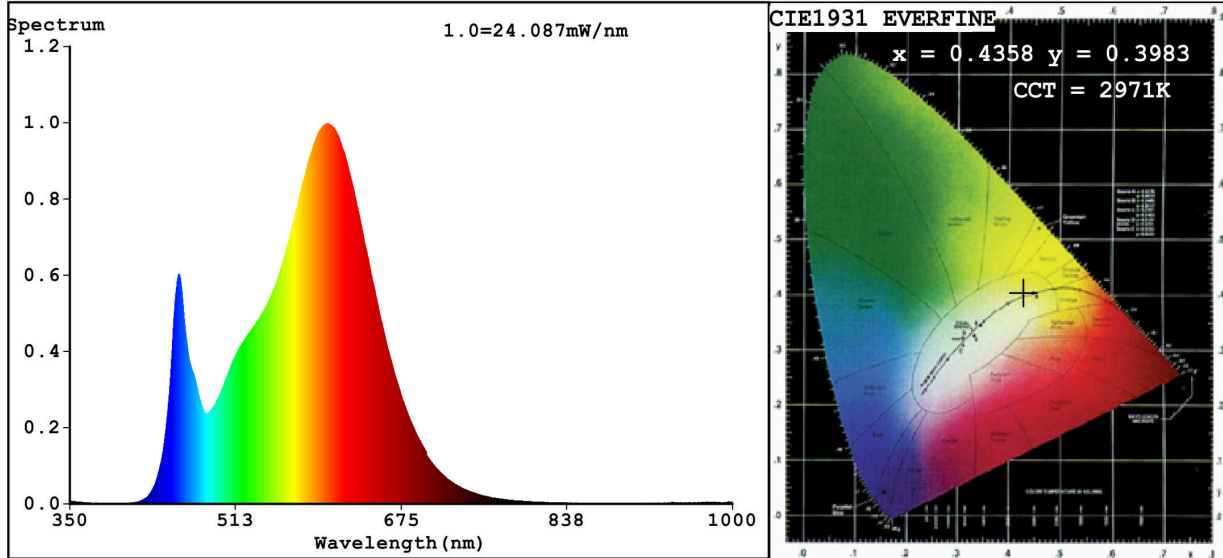
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 000 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	3 000
On-mode power (P_{on}), expressed in W	10,8	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	82
Outer dimensions without	Height	1 000	Spectral power distribution in the See image in last page
	Width	8	
	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)	0,435 0,398
Parameters for directional light sources:			
Peak luminous intensity (cd)	603	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	5	Survival factor	0,90
the lumen maintenance factor	0,90		

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4358$ $y=0.3983$ / $u'=0.2524$ $v'=0.5189$
 CCT=2971K (Duv=-0.0022) Dominant WL:Ld =583.8nm WL:Lc = --nm Purity=50.4%
 Ratio:R=23.3% G=73.7% B=3.0% ; Peak WL:Lp=603.5nm FWHM=115.5nm
 Render Index:Ra=82.0 AvgR=77.0 TM30:Rf=83 Rg=94 Lav=588.8nm

R1 =82 R2 =94 R3 =92 R4 =78 R5 =82 R6 =93 R7 =79
 R8 =56 R9 =5 R10=87 R11=78 R12=74 R13=85 R14=96 R15=74

Photo Parameters:

Flux = 1138 lm Eff. : 105.01 lm/W Fe = 3.480 W

Electrical parameters:

V = 24.159 V I = 0.4487 A P = 10.84 W PF = 1.000

WHITE:ANSI_3000K

Status: Integral T = 46 ms Ip = 54037 (82%)

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

Number:99LED864
 Date:2021-07-29 08:25:03
 Humidity:65.0%
 Remarks: