

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: 99LED867

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:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

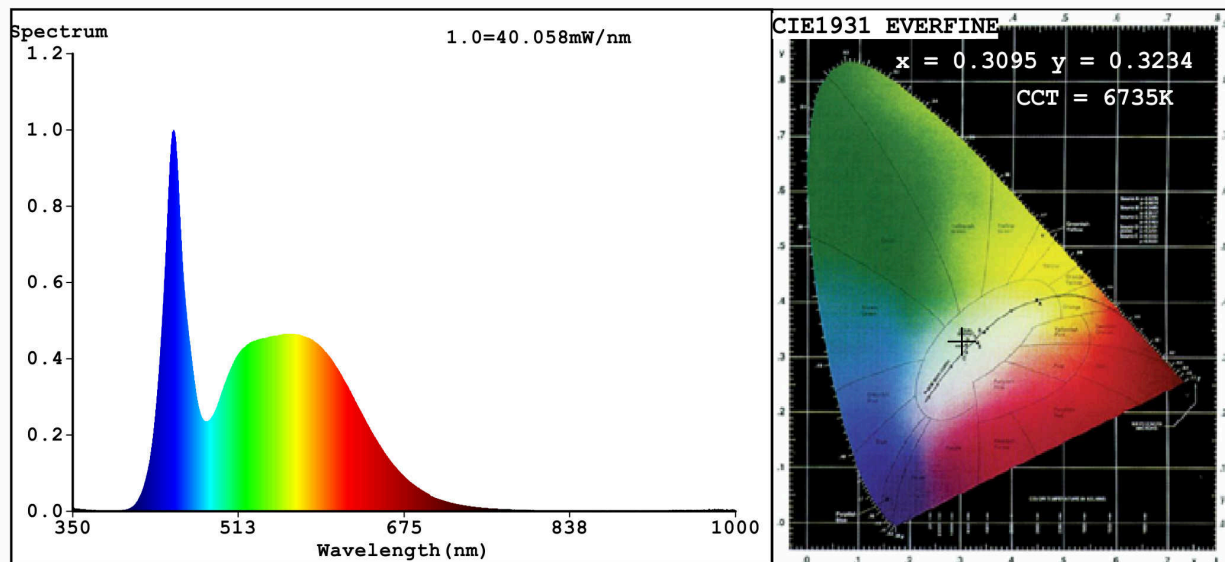
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 220 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	6 000
On-mode power (P_{on}), expressed in W	8,9	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	83
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)	0,309 0,323	
Parameters for directional light sources:				
Peak luminous intensity (cd)	448	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	9	Survival factor	0,50	
the lumen maintenance factor	0,90			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	1,00	Colour consistency in McAdam ellipses	1	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) - : not applicable;

(b) - : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3095$ $y=0.3234$ $u'=0.1977$ $v'=0.4648$
CCT=6735K (Duv=0.0019) Dominant WL:Ld =486.2nm WL:Lc = --nm Purity=8.8%
Ratio:R=13.3% G=81.1% B=5.6%; Peak WL:Lp=448.9nm FWHM=24.1nm
Render Index:Ra=83.2 AvgR=76.2 TM30:Rf=83 Rg=95 Lav=536.8nm

R1 =82	R2 =87	R3 =89	R4 =84	R5 =83	R6 =82	R7 =88
R8 =71	R9 =9	R10=68	R11=84	R12=62	R13=83	R14=94 R15=77

Photo Parameters:

Flux = 1216 lm Eff. : 135.38 lm/W Fe = 4.003 W

Electrical parameters:

V = 22.147 V I = 0.4056 A P = 8.983 W PF = 1.000

WHITE:ANSI_6500K

Status: Integral T = 41 ms Ip = 52607 (80%)

Model:LED LAMPS AND COMPONENTS
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED867
Date:2021-08-19 13:01:14
Humidity:65.0%
Remarks: