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: 99LED983

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

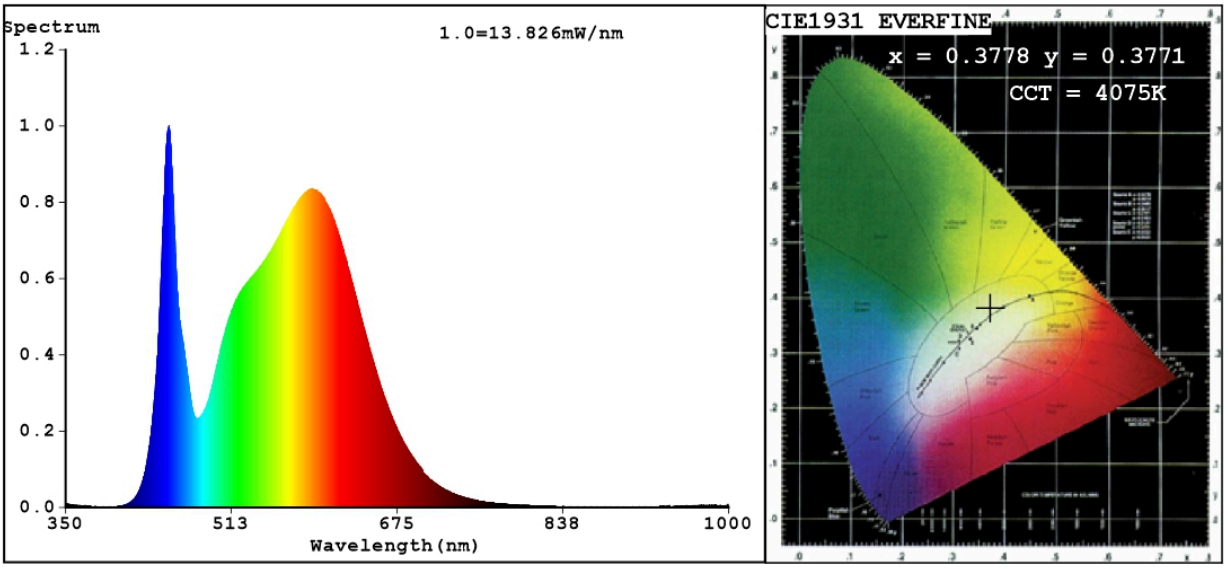
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	800 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	4 000
On-mode power (P_{on}), expressed in W	6,6	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	81
Outer dimensions without — Height	1 000	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	8		
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)	0,377 0,377
Parameters for directional light sources:				
Peak luminous intensity (cd)		451	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		1	Survival factor	0,50
the lumen maintenance factor		0,95		

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

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

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3778 y=0.3771/u'=0.2232 v'=0.5013

CCT=4075K(Duv=0.0009) Dominant WL:Ld =578.3nm WL:Lc = --nm Purity=26.5%

Ratio:R=17.8% G=78.6% B=3.6%¡¡Peak WL:Lp=451.3nm FWHM=19.6nm

Render Index:Ra=81.7 AvgR=74.5 TM30:Rf=83 Rg=95 Lav=567.9nm

R1 =80	R2 =88	R3 =94	R4 =80	R5 =80	R6 =84	R7 =85	
R8 =62	R9 =1	R10=72	R11=79	R12=59	R13=82	R14=97	R15=73

Photo Parameters:

Flux = 661.3 lm Eff. : 100.01 lm/W Fe = 1.990 W

Electrical parameters:

V = 24.159 V I = 0.2737 A P = 6.612 W PF = 1.000

WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 35769 (55%)

Model:LED LAMPS AND COMPONENTS	Number:99LED983
Tester:Atanas DAKOV	Date:2022-01-25 13:14:21
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7806