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: 99LED737

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

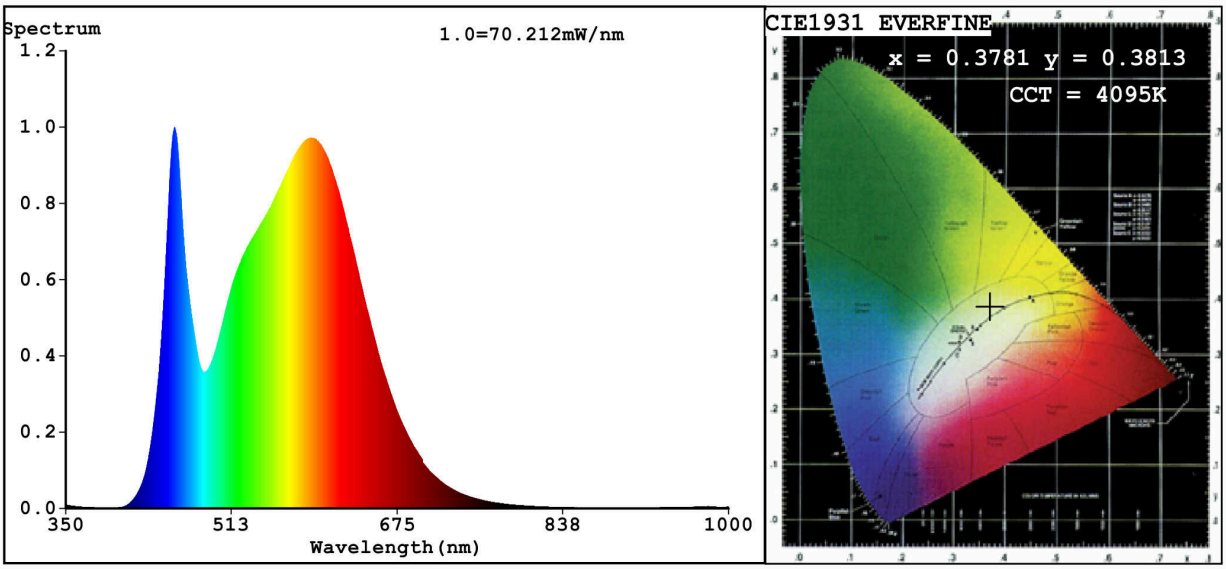
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	40	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	3 600 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	4 000
On-mode power (P_{on}), expressed in W	40,0	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	82
Outer dimensions without — Height	220	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	120		
Outer dimensions without — Depth	120		

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]		Yes	If yes, equivalent power (W)	207
			Chromaticity coordinates (x and y)	0,378 0,381
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	Survival factor	0,50
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	Colour consistency in McAdam ellipses	5
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=0.3781 y=0.3813/u'=0.2218 v'=0.5032

CCT=4095K(Duv=0.0028) Dominant WL:Ld =577.2nm WL:Lc = --nm Purity=27.9%

Ratio:R=17.7% G=78.3% B=4.1%¡¡Peak WL:Lp=456.7nm FWHM=28.8nm

Render Index:Ra=82.1

R1 =80	R2 =91	R3 =96	R4 =78	R5 =80	R6 =86	R7 =85	
R8 =62	R9 =3	R10=77	R11=76	R12=59	R13=83	R14=98	R15=73

Photo Parameters:

Flux = 3947 lm Eff. : 105.33 lm/W Fe = 11.97 W

Electrical parameters:

V = 221.45 V I = 0.1766 A P = 37.48 W PF = 0.9583

WHITE:ANSI_4000K

~~Status: Integral T = 12 ms Ip = 42540 (65%)~~

Model:HIGH POWER LED LAMP	Number:99LED737
Tester:Atanas DAKOV	Date:2020-07-03 09:54:51
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6679