

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: 99LED771D

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:	No		
Anti-glare shield:	No	Dimmable:	Yes

Product parameters

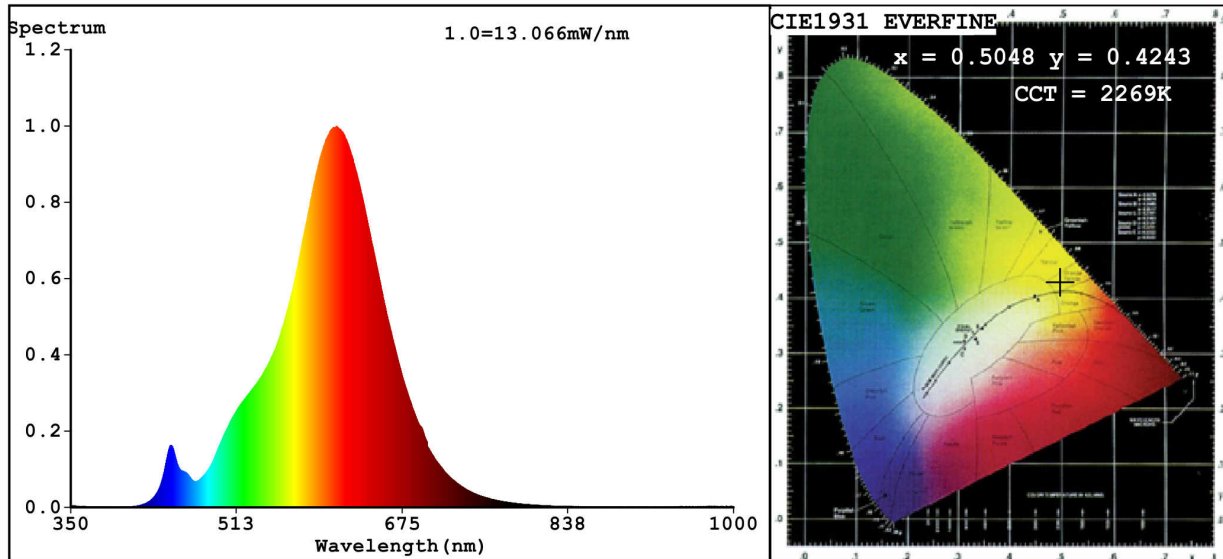
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	580 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	2 300
On-mode power (P_{on}), expressed in W	5,2	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	79
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)	Yes	If yes, equivalent power (W)	52	
		Chromaticity coordinates (x and y)	0,504 0,424	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,80	Colour consistency in McAdam ellipses	5	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	Yes ^(b)	If yes then replacement claim (W)	50	
Flicker metric (Pst LM)	0,6	Stroboscopic effect metric (SVM)	0,2	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5048$ $y=0.4243$ $u'=0.2851$ $v'=0.5392$
 CCT=2269K (Duv=0.0028) Dominant WL:Ld =585.9nm WL:Lc = --nm Purity=78.9%
 Ratio:R=29.1% G=69.5% B=1.4%; Peak WL:Lp=610.8nm FWHM=100.2nm
 Render Index:Ra=79.5

R1 =77	R2 =90	R3 =94	R4 =77	R5 =78	R6 =91	R7 =79
R8 =50	R9 =0	R10=80	R11=77	R12=77	R13=80	R14=97 R15=68

Photo Parameters:

Flux = 516.6 lm Eff. : 97.97 lm/W Fe = 1.623 W

Electrical parameters:

V = 221.46 V I = 0.02733 A P = 5.273 W PF = 0.8712

WHITE:OUT

Status: Integral T = 59 ms Ip = 39053 (60%)

Model: FILAMENT LED BULB
 Tester: Atanas DAKOV
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 99LED771D
 Date: 2020-06-30 15:03:11
 Humidity: 65.0%
 Remarks: 6876