

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: 99LED780

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:	No

Product parameters

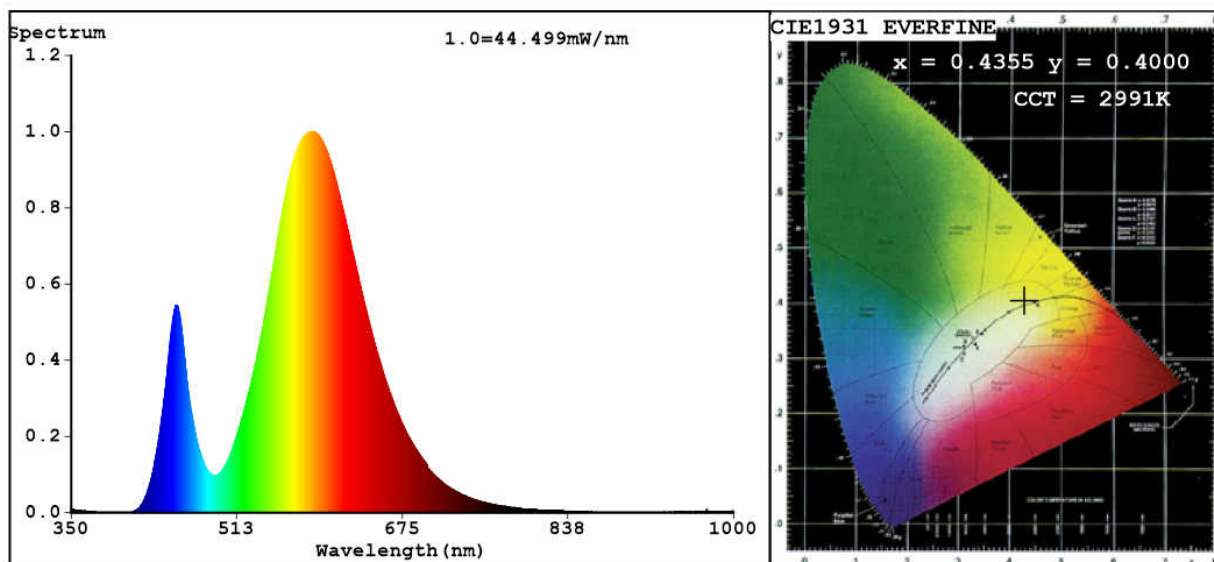
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	32	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 200 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	32,2	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	63
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)	130	
		Chromaticity coordinates (x and y)	0,435 0,398	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,50	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	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)	100	
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: $x=0.4355$ $y=0.4000$ $u'=0.2514$ $v'=0.5195$

$CCT=2991K$ ($Duv=-0.0014$) Dominant WL: $\lambda_d = 583.4nm$ Purity=50.7%

Ratio: $R=20.0\%$ $G=78.2\%$ $B=1.8\%$; Peak WL: $\lambda_p = 588.5nm$ FWHM=103.6nm

Render Index: $R_a=63.3$

R1 =58	R2 =78	R3 =92	R4 =52	R5 =55	R6 =65	R7 =73
R8 =33	R9 =0	R10=47	R11=39	R12=34	R13=61	R14=95
						R15=53

Photo Parameters:

Flux = 2106 lm Eff. : 66.72 lm/W $P_e = 5.955 W$

Electrical parameters:

$V = 230.03 V$ $I = 0.2479 A$ $P = 31.57 W$ PF = 0.5535

WHITE: ANSI_3000K

Status: Integral T = 19 ms $I_p = 44807 (68\%)$

Model: LED FLYING SAUCER U95/32W
Tester: Petya Marinova
Temperature: 25.3Deg
Manufacturer: ELMARK

Number: 99LED780
Date: 2017-06-23 13:41
Humidity: 65.0%
Remarks: 017V009A_3793