

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: 99LED6KM

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

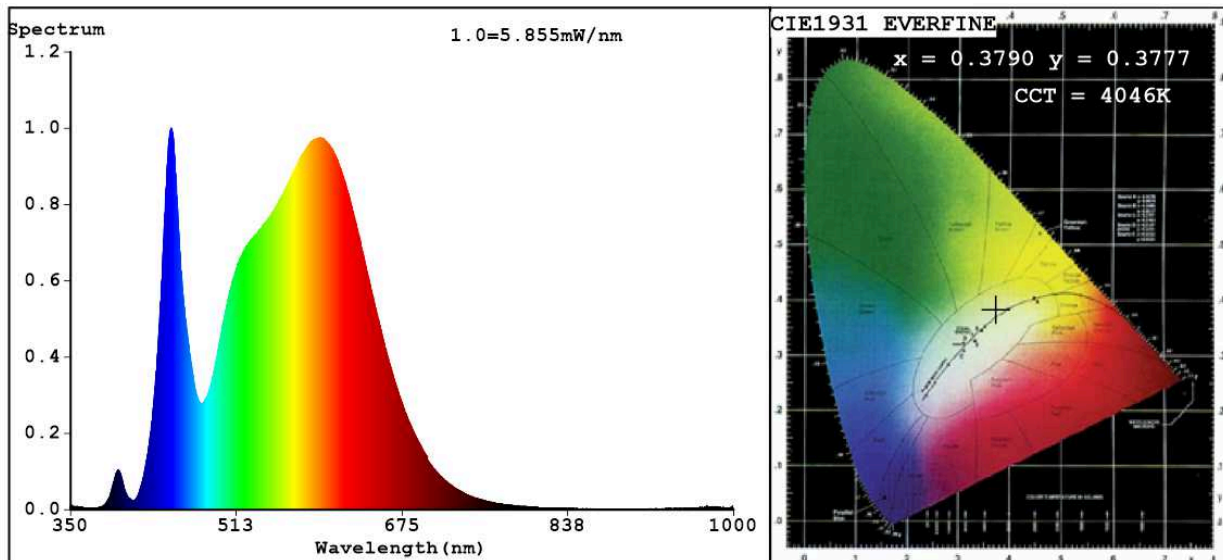
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	400 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	6,5	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)	0,379 0,377	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	12	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	0	
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)	0,6	Stroboscopic effect metric (SVM)	0,2	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3790$ $y=0.3777$ $u'=0.2238$ $v'=0.5018$

CCT=4046K(Duv=0.0008) Dominant WL:Ld =578.4nm Purity=27.1%

Ratio:R=18.2% G=78.3% B=3.5%; Peak WL:Lp=448.5nm FWHM=25.2nm

Render Index:Ra=83.7

R1 =82	R2 =89	R3 =94	R4 =84	R5 =82	R6 =85	R7 =87
R8 =67	R9 =12	R10=74	R11=83	R12=66	R13=83	R14=97
						R15=76

Photo Parameters:

Flux = 333.3 lm Eff. : 50.69 lm/W Fe = 1.033 W

Electrical parameters:

V = 229.72 V I = 0.03414 A P = 6.576 W PF = 0.8384

WHITE:ANSI_4000K

Status: Integral T = 125 ms Ip = 45711 (70%)

Model:MOSQUITO LED PEAR/6W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED6KM
Date:2019-02-13 13:53
Humidity:65.0%
Remarks:Î18V039B_5247