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: 99LED563

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU5.3		
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

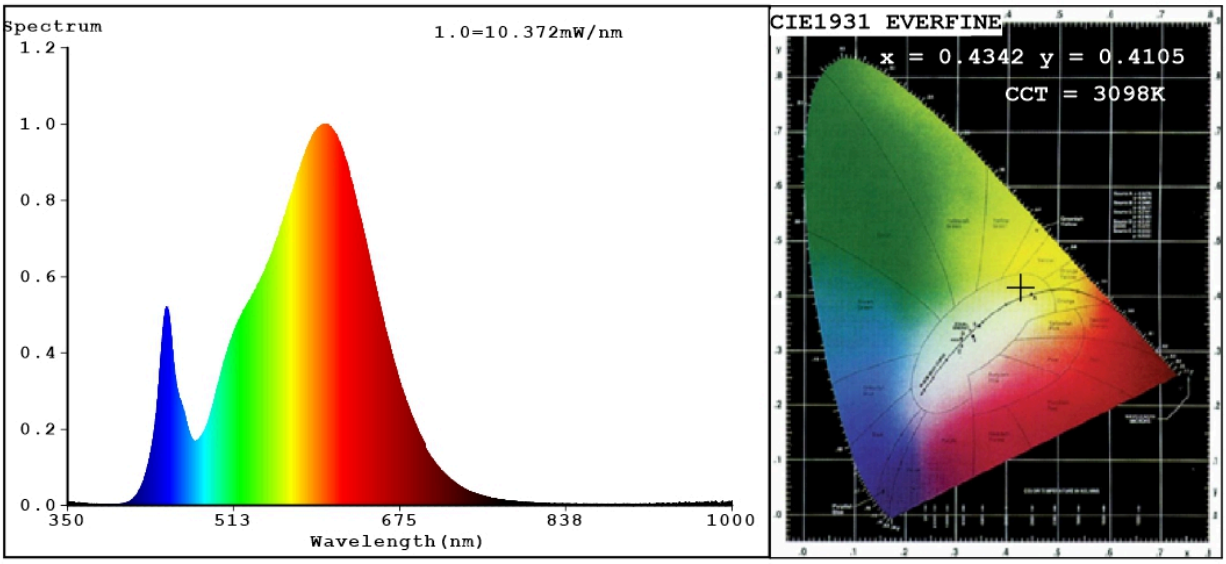
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	500 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	7,0	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	81
Outer dimensions without separate control gear, lighting control — Height	75	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	50		
Depth	50		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		Yes	If yes, equivalent power (W)	50
			Chromaticity coordinates (x and y)	0,434 0,410
Parameters for directional light sources:				
Peak luminous intensity (cd)		600	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		4	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		1,00	Colour consistency in McAdam ellipses	0
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)	45
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=0.4342 y=0.4105/u'=0.2461 v'=0.5235

CCT=3098K(Duv=0.0029) Dominant WL:Ld =581.4nm Purity=53.6%

Ratio:R=21.9% G=75.7% B=2.4%¡¡Peak WL:Lp=600.8nm FWHM=137.3nm

Render Index:Ra=81.5

R1 =79	R2 =88	R3 =97	R4 =80	R5 =79	R6 =85	R7 =85	
R8 =59	R9 =4	R10=73	R11=79	R12=67	R13=81	R14=98	R15=71

Photo Parameters:

Flux = 529.7 lm Eff. : 73.16 lm/W Fe = 1.591 W

Electrical parameters:

V = 12.080 V I = 0.5993 A P = 7.240 W PF = 1.000

WHITE:ANSI_3000K

Status: Integral T = 49 ms Ip = 42993 (66%)

Model:LED COB/7W	Number:99LED563
Tester:Petya Marinova	Date:2015-01-29 12:46
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:Everfine	Remarks:O14C068B-1-2