

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: 93TLR503WW/BL

Type of light source:

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

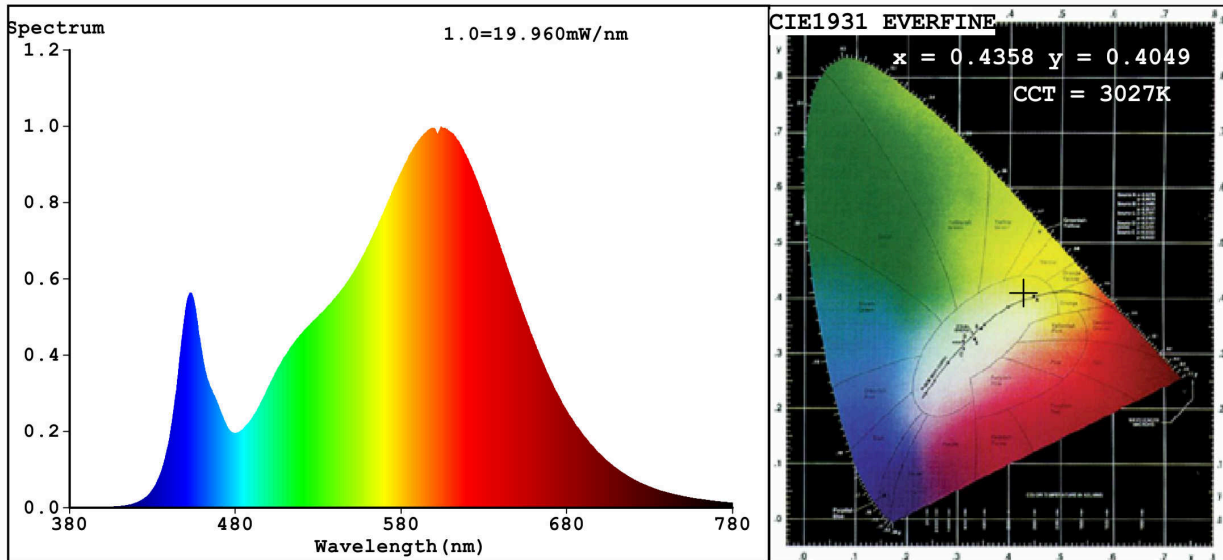
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	950 in Narrow cone (90°)	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	10,7	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	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)	0,435 0,404
Parameters for directional light sources:				
Peak luminous intensity (cd)	604		Beam angle in degrees, or the range of beam angles that can be set	24
Parameters for LED and OLED light sources:				
R9 colour rendering index value	2		Survival factor	0,50
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,40		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)	0,0		Stroboscopic effect metric (SVM)	0,0

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4358$ $y=0.4049$ / $u'=0.2494$ $v'=0.5215$

CCT=3027K (Duv=0.0005) Dominant WL: $\lambda_d = 582.5$ nm Purity=52.3%

Ratio: R=22.6% G=74.8% B=2.6% ; Peak WL: $\lambda_p = 604.1$ nm FWHM=125.1nm

Render Index: Ra=81.6

R1 =80	R2 =91	R3 =96	R4 =79	R5 =80	R6 =89	R7 =82	
R8 =57	R9 =2	R10=79	R11=78	R12=68	R13=82	R14=98	R15=72

Photo Parameters:

Flux = 975.8 lm Eff. : 90.71 lm/W $F_e = 2.921$ W

Electrical parameters:

V = 230.02 V I = 0.09818 A P = 10.76 W PF = 0.4764

WHITE:ANSI_3000K

Status: Integral T = 43 ms $I_p = 54126$ (83%)

Model:SKY TLR/10W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:93TLR503WW/BL
Date:2019-06-19 13:03
Humidity:65.0%
Remarks:018V053A_5764