

# 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:** 93TLR504CW/WH

## 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

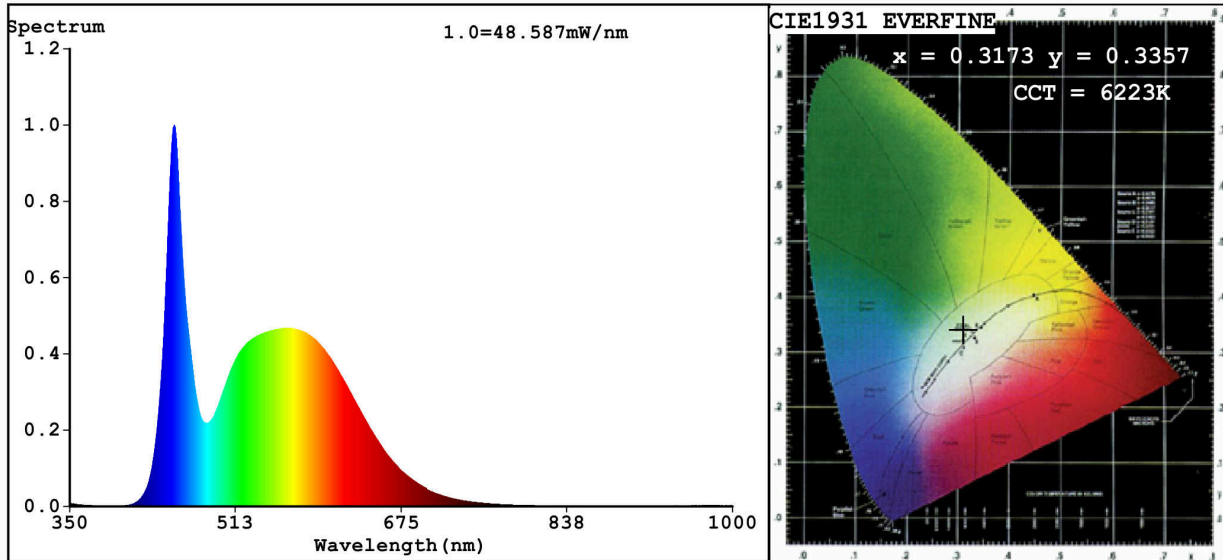
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 500 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	6 000
On-mode power ( $P_{on}$ ), expressed in W	15,4	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	82
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 <sup>(a)</sup>	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,317 0,335
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	452		Beam angle in degrees, or the range of beam angles that can be set	24
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	3		Survival factor	0,50
the lumen maintenance factor	0,93			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,50		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:  $x=0.3173$   $y=0.3357/u'=0.1985$   $v'=0.4725$   
 CCT=6223K (Duv=0.0043) Dominant WL:Ld =493.6nm WL:Lc = --nm Purity=5.3%  
 Ratio:R=13.5% G=81.1% B=5.4%; Peak WL:Lp=452.6nm FWHM=21.9nm  
 Render Index:Ra=82.0

R1 =80    R2 =87    R3 =91    R4 =81    R5 =80    R6 =81    R7 =88  
 R8 =68    R9 =3    R10=69    R11=79    R12=54    R13=82    R14=95    R15=75

**Photo Parameters:**

Flux = 1462 lm    Eff. : 94.85 lm/W    Fe = 4.665 W

**Electrical parameters:**

V = 220.06 V    I = 0.1371 A    P = 15.41 W PF = 0.5107  
 WHITE:ANSI\_6500K

Status: Integral T = 32 ms    Ip = 46470 (71%)

Model:LED TRACK LIGHT  
 Tester:Atanas DAKOV  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:93TLR504CW/BL  
 Date:2020-07-30 09:50:30  
 Humidity:65.0%  
 Remarks:6855