

# 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:** 93K304L24CCT/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):	Yes
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

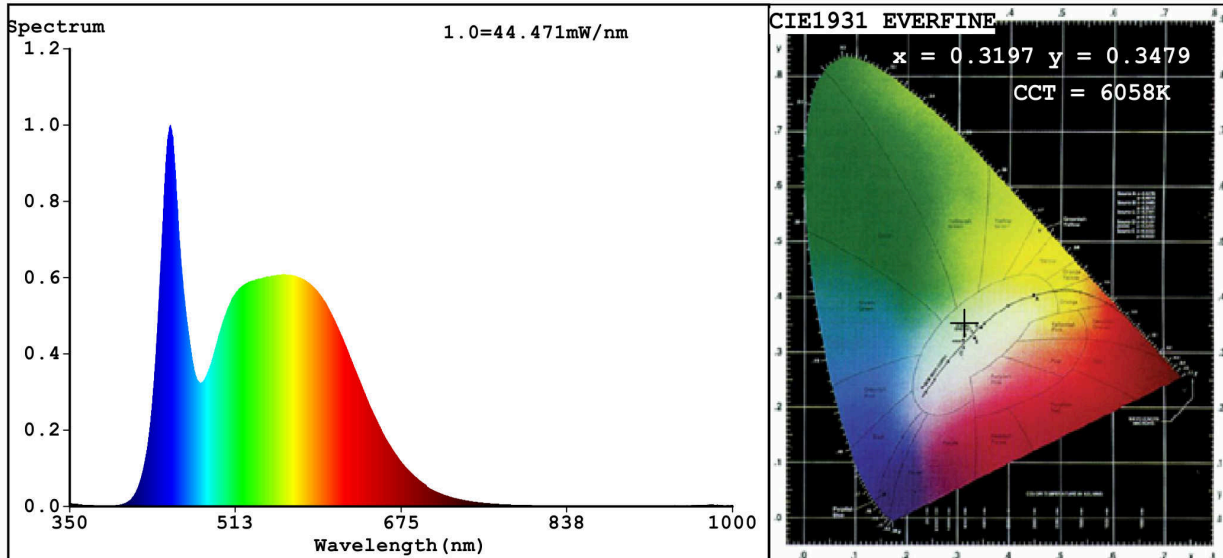
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 920 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 or 4 000 or 5 700
On-mode power ( $P_{on}$ ), expressed in W	21,5	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	0,05	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	562	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	72	
	Depth	42	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,319 0,347
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	448	Beam angle in degrees, or the range of beam angles that can be set	30
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	0	Survival factor	0,90
the lumen maintenance factor	1,00		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,40	Colour consistency in McAdam ellipses	1
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:  $x=0.3197$   $y=0.3479$  /  $u'=0.1957$   $v'=0.4791$   
 CCT=6058K (Duv=0.0093) Dominant WL:Ld =506.4nm WL:Lc = --nm Purity=4.2%  
 Ratio:R=13.2% G=81.4% B=5.4% ; Peak WL:Lp=448.6nm FWHM=27.5nm  
 Render Index:Ra=81.8 AvgR=74.3 TM30:Rf=84 Rg=93 Lav=540.8nm

R1 =78 R2 =86 R3 =93 R4 =82 R5 =80 R6 =83 R7 =88  
 R8 =66 R9 =0 R10=68 R11=81 R12=64 R13=80 R14=96 R15=71

**Photo Parameters:**

Flux = 1773 lm Eff. : 82.26 lm/W Fe = 5.570 W

**Electrical parameters:**

V = 225.24 V I = 0.2103 A P = 21.56 W PF = 0.4552

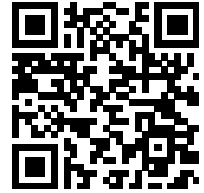
WHITE:OUT

Status: Integral T = 28 ms Ip = 50065 (76%)

Model:LED FLOODLIGHT  
 Tester:Atanas DAKOV  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:93K302L24CCT/BL  
 Date:2021-06-30 13:50:26  
 Humidity:65.0%  
 Remarks:MOSTRA

Model placed on the Union market.



**EPREL registration number:** 1962938

<https://eprel.ec.europa.eu/qr/1962938>

**Supplier:** ELMARK INDUSTRIES SC (Importer)

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**Customer care service:**

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