

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: 93K304L48CCT/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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	48	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°)	3 840 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 or 4 000 or 5 700
On-mode power (P_{on}), expressed in W	43,0	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	0,05	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	83
Outer dimensions without separate control gear, lighting control	Height	1 122	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 ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,306 0,324
Parameters for directional light sources:			
Peak luminous intensity (cd)	453	Beam angle in degrees, or the range of beam angles that can be set	30
Parameters for LED and OLED light sources:			
R9 colour rendering index value	7	Survival factor	0,90
the lumen maintenance factor	1,00		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,50	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;

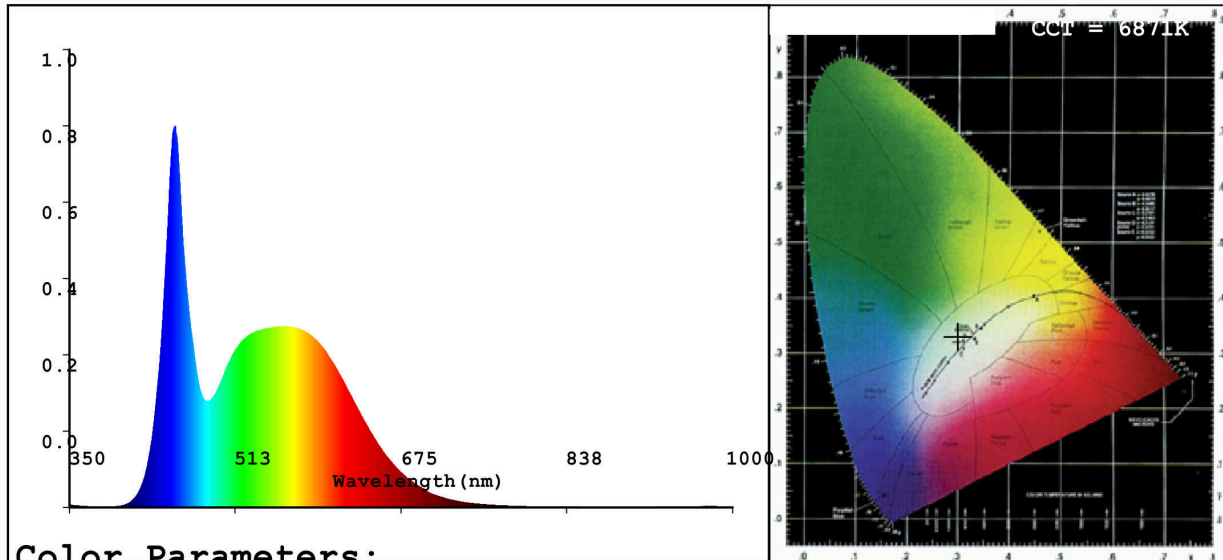
(b) '-': not applicable;

Spectrum Test Report

Spectrum
1.2

1.0=73.228mW/nm

CIE1931 EVERFINE



Color Parameters:

Chromaticity Coordinate: $x=0.3069$ $y=0.3248$ / $u'=0.1953$ $v'=0.4652$
 CCT=6871K (Duv=0.0040) Dominant WL:Ld =487.5nm WL:Lc = --nm Purity=9.6%
 Ratio:R=13.0% G=80.8% B=6.1% ; Peak WL:Lp=453.7nm FWHM=26.3nm
 Render Index:Ra=83.6 AvgR=76.4 TM30:Rf=83 Rg=93 Lav=535.9nm

R1 =82 R2 =89 R3 =92 R4 =82 R5 =82 R6 =84 R7 =88
 R8 =70 R9 =7 R10=73 R11=81 R12=59 R13=84 R14=96 R15=77

Photo Parameters:

Flux = 2269 lm Eff. : 74.22 lm/W Fe = 7.457 W

Electrical parameters:

V = 225.21 V I = 0.2348 A P = 30.57 W PF = 0.5780

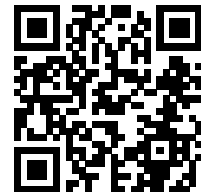
WHITE:ANSI_6500K

Status: Integral T = 16 ms Ip = 48414 (74%)

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

Number:93K302L48CCT/BL
 Date:2021-06-30 13:40:41
 Humidity:65.0%
 Remarks:MOSTRA

Model placed on the Union market from 07/06/2022.



EPREL registration number: 1962960

<https://eprel.ec.europa.eu/qr/1962960>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

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