

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: 99LED819HE

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

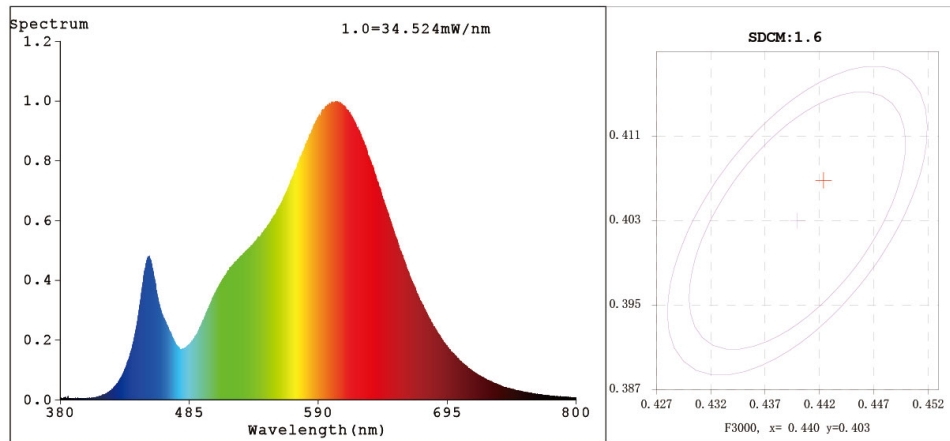
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 660 in Sphere (360°)	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	13,6	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 separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	105	
		Chromaticity coordinates (x and y)	0,442 0,402	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	7	Survival factor	0,50	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	4	
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)	0,5	Stroboscopic effect metric (SVM)	0,2	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4424$ $y=0.4067$ $u'=0.2530$ $v'=0.5232$
CCT=2931K (Duv=0.0003) Dominant WL:Ld =583.0nm WL:Lc = --nm Purity=54.9%
Ratio:R=23.3% G=74.2% B=2.4% Peak WL:Lp=605.9nm FWHM=125.7nm
Render Index:Ra=82.6 AvgR=77.0

R1 =81 R2 =91 R3 =97 R4 =81 R5 =81 R6 =89 R7 =83
R8 =59 R9 =7 R10=79 R11=80 R12=72 R13=83 R14=99 R15=73

Photo Parameters:

Flux = 1660 lm Eff. : 121.62 lm/W Fe = 5.058 W

Electrical parameters:

V = 230.21 V I = 0.1079 A P = 13.65 W PF = 0.5495

LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 529 ms Ip = 39540 (60%)

GBT5702

Model:14W 2
Tester:
Temperature:25.3Deg
Manufacturer:

Number:14W 3
Date:2021-12-27 15:59:39
Humidity:65.0%
Remarks:

Model placed on the Union market from 03/10/2022.



EPREL registration number: 1196781

<https://eprel.ec.europa.eu/qr/1196781>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

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