

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: 99LED829WW

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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

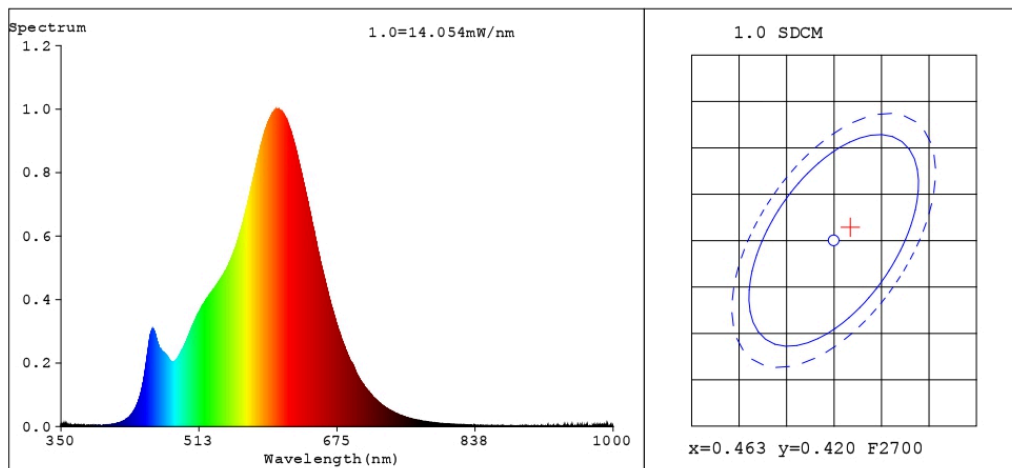
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	600 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	2 700
On-mode power (P_{on}), expressed in W	4,7	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 separate control gear, lighting control	Height	98	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	45	
	Depth	45	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	50
		Chromaticity coordinates (x and y)	0,464 0,421
Parameters for LED and OLED light sources:			
R9 colour rendering index value	3	Survival factor	0,54
the lumen maintenance factor	0,93		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,60	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	Yes ^(b)	If yes then replacement claim (W)	5
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0

(a)¹⁾ : not applicable;

(b)¹⁾ : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4647$ $y=0.4214$ $u'=0.2608$ $v'=0.5321$
 CCT=2716K (Duv=0.0035) Dominant WL:Ld =583.0nm Purity=66.0%
 Ratio:R=24.8% G=72.8% B=2.4% Peak WL:Lp=606.7nm FWHM=111.8nm
 Render Index:Ra=81.8 CRI=76.8
 R1 =80 R2 =92 R3 =94 R4 =79 R5 =81 R6 =93 R7 =81
 R8 =55 R9 =3 R10=83 R11=79 R12=75 R13=83 R14=97 R15=71

Photo Parameters:

Flux = 637.3 lm Eff. : 135.62 lm/W Fe = 1.940 W

Electrical parameters:

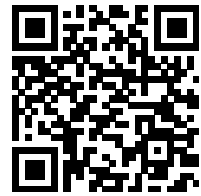
V = 229.98 V I = 0.03149 A P = 4.699 W PF = 0.6489

Status: Integral T = 35 ms Ip = 32737 (50%)

Model:E14 5W
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:1
 Date:2023-06-17 09:50
 Humidity:65.0%
 Remarks:

Model placed on the Union market from 31/10/2021



EPREL registration number: 966648

<https://eprel.ec.europa.eu/qr/966648>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

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