

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: 99LED829W

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

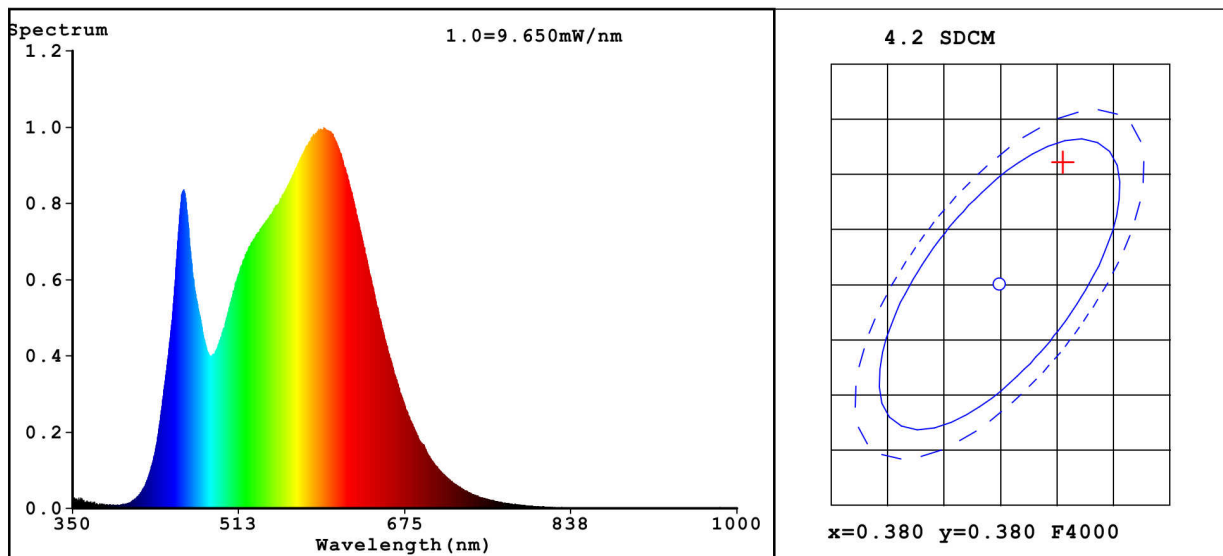
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	4 000
On-mode power (P_{on}), expressed in W	5,0	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	-	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	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)	50	
		Chromaticity coordinates (x and y)	0,385 0,391	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	8	Survival factor	0,54	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	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)	0,7	Stroboscopic effect metric (SVM)	0,3	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3856$ $y=0.3911$ $u'=0.2228$ $v'=0.5085$
 CCT=3969K (Duv=0.0051) Dominant WL:Ld =576.8nm WL:Lc = --nm Purity=33.1%
 Ratio:R=18.3% G=77.7% B=4.0% Peak WL:Lp=596.0nm FWHM=149.7nm
 Render Index:Ra=83.7 AvgR=77.2

R1 =82 R2 =91 R3 =97 R4 =80 R5 =81 R6 =89 R7 =85
 R8 =63 R9 =8 R10=79 R11=79 R12=65 R13=84 R14=99 R15=74

Photo Parameters:

Flux = 556.5 lm Eff. : 123.62 lm/W Fe = 1.682 W
 Scotopic:955.5 S/P:1.717

Electrical parameters:

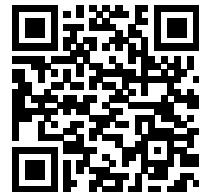
V = 230.19 V I = 0.03692 A P = 4.502 W PF = 0.5297

Status: Integral T = 500 ms Ip = 41268 (63%)

Model:C35 5W E14
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:1
 Date:2021-05-14 15:11:06
 Humidity:65.0%
 Remarks:

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



EPREL registration number: 966676

<https://eprel.ec.europa.eu/qr/966676>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

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