

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: 99LED797HE

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

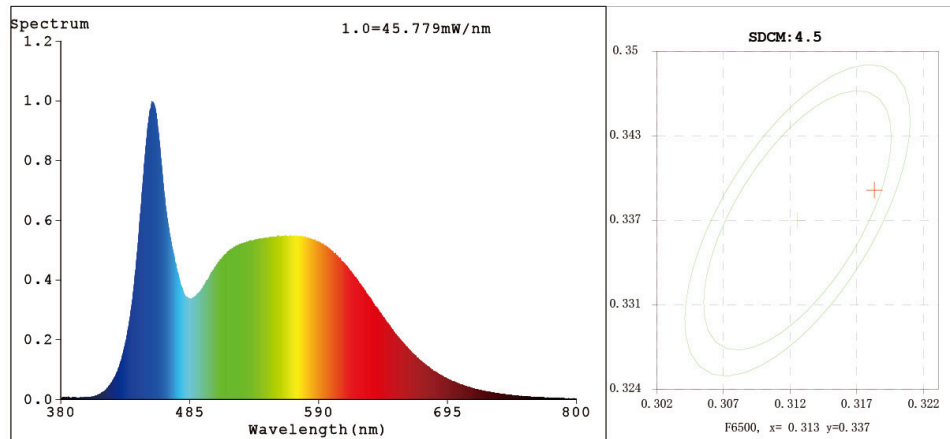
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	6 200
On-mode power (P_{on}), expressed in W	13,7	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	85
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)	0,318 0,339	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	14	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: $x=0.3188$ $y=0.3393$ $u'=0.1982$ $v'=0.4746$
CCT=6134K (Duv=0.0054) Dominant WL:Ld =497.0nm WL:Lc = --nm Purity=4.6%
Ratio:R=14.0% G=80.0% B=6.0% Peak WL:Lp=454.1nm FWHM=29.2nm
Render Index:Ra=85.2 AvgR=78.7

R1 =83 R2 =91 R3 =95 R4 =83 R5 =84 R6 =87 R7 =88
R8 =70 R9 =14 R10=79 R11=82 R12=63 R13=86 R14=98 R15=78

Photo Parameters:

Flux = 1665 lm Eff. : 121.06 lm/W Fe = 5.382 W

Electrical parameters:

V = 230.23 V I = 0.1095 A P = 13.75 W PF = 0.5453

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 529 ms Ip = 33739 (51%)

GBT5702

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

Number:14W 2
Date:2021-12-27
Humidity:65.0%
Remarks:

Model placed on the Union market from 12/09/2022.



EPREL registration number: 1197251

<https://eprel.ec.europa.eu/qr/1197251>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

Name: ELMARK INDUSTRIES SC

Website: www.elmarkholding.eu

Email: eelabels@elmarkholding.eu

Phone: +35952575545

Address:

bul.Dobrudja 2
9300 Dobrich
Bulgaria