

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: 99LED794HE

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

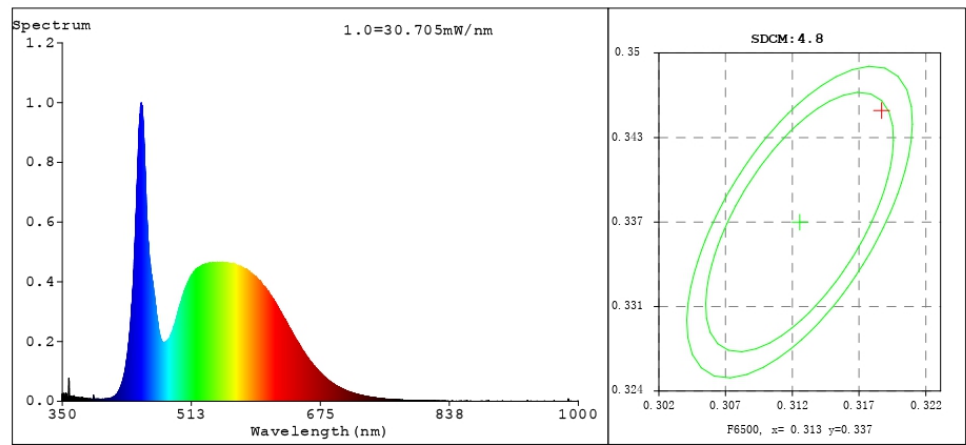
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	924 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	6 094
On-mode power (P_{on}), expressed in W	7,0	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	81
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)	75	
		Chromaticity coordinates (x and y)	0,319 0,345	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	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	5	
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



Color Parameters:

Chromaticity Coordinate: $x=0.3191$ $y=0.3454$ $u'=0.1962$ $v'=0.4777$
CCT=6094K (Duv=0.0083) Dominant WL:Ld =503.1nm WL:Lc = --nm Purity=4.3%
Ratio:R=13.3% G=81.7% B=5.0% Peak WL:Lp=449.6nm FWHM=18.2nm
Render Index:Ra=81.3 AvgR=71.5 Lav=541.6nm

R1 =78 R2 =85 R3 =90 R4 =82 R5 =80 R6 =80 R7 =88
R8 =68 R9 =0 R10=65 R11=81 R12=56 R13=80 R14=95 R15=72

Photo Parameters:

Flux = 924.7 lm Eff. : 133.25 lm/W Fe = 2.913 W

Electrical parameters:

V = 230.07 V I = 0.04963 A P = 6.940 W PF = 0.6077

Status: Integral T = 1000 ms Ip = 38631 (59%)

GBT5702

Model:7.3W 6500K
Tester:
Temperature:25.3Deg
Manufacturer:

Number:2
Date:2024-10-21 14:56:29
Humidity:65.0%
Remarks:

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



EPREL registration number: 1196596

<https://eprel.ec.europa.eu/qr/1196596>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

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