

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: 98GENEVA150SMD

Type of light source:

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

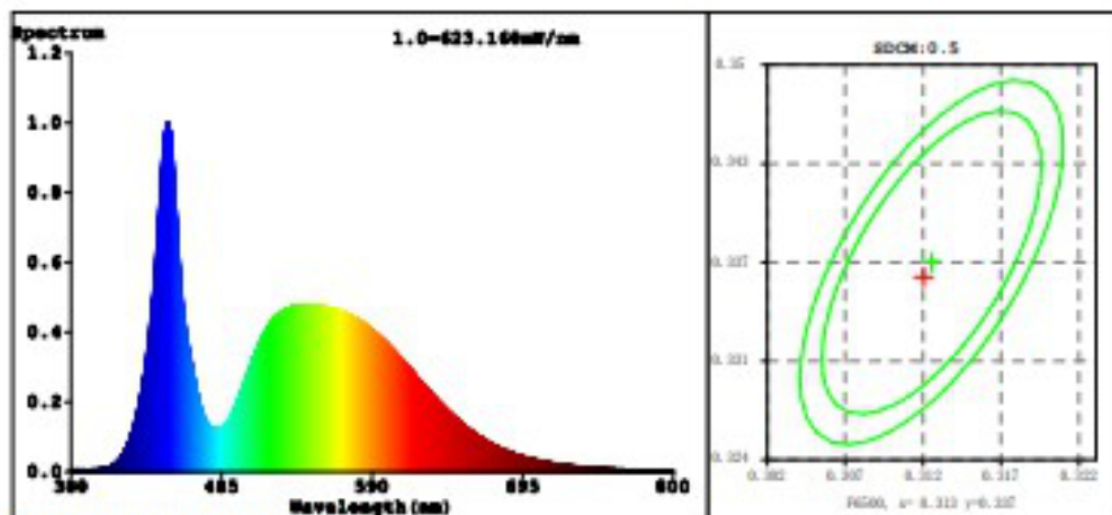
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	150	Energy efficiency class	D
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	18 000 in Wide cone (120°)	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	5 500
On-mode power (P_{on}), expressed in W	149,0	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	73
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)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,312 0,336	
Parameters for directional light sources:				
Peak luminous intensity (cd)	7 400	Beam angle in degrees, or the range of beam angles that can be set	116	
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)	0,90	Colour consistency in McAdam ellipses	7	
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: $x=0.3125$ $y=0.3360$ $u'=0.1951$ $v'=0.4720$
CCT=6464K(Duv=0.0069) Dominant WL:Ld =493.4nm WL:Lc = --nm Purity=6.9%
Ratio:R=12.1% G=83.9% B=4.0% Peak WL:Lp=447.3nm FWHM=19.9nm
Render Index:Ra=73.6 AvgR=65.2 TM30:Rf=76 Rg=93

R1 =71 R2 =76 R3 =80 R4 =75 R5 =73 R6 =69 R7 =82
R8 =62 R9 =0 R10=44 R11=74 R12=46 R13=71 R14=89 R15=65

Photo Parameters:

Flux = 18013 lm Eff. : 120.67 lm/W $P_e = 55.95$ W

Electrical parameters:

V = 230.70 V I = 0.6659 A P = 149.3 W PF = 0.9716

LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 57 ms Ip = 39296 (60%)

GBT5702

Model:HL117-150W
Tester:
Temperature:25.3Deg
Manufacturer:

Number:1
Date:2022-04-06
Humidity:65.0%
Remarks:

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



EPREL registration number: 1243959

<https://eprel.ec.europa.eu/qr/1243959>

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