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: 99LED925HE

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

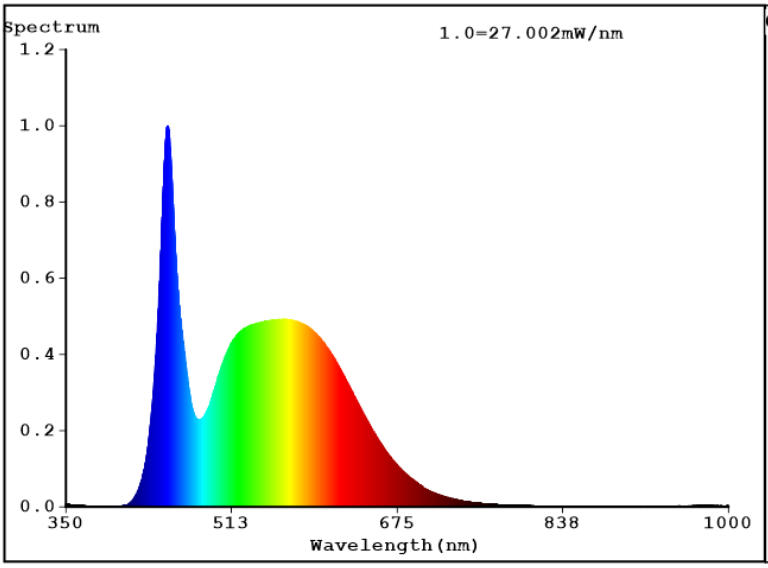
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	840 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	6 400
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	82
Outer dimensions without separate control gear, lighting control — Height	80	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	45		
Outer dimensions without separate control gear, lighting control — Depth	45		

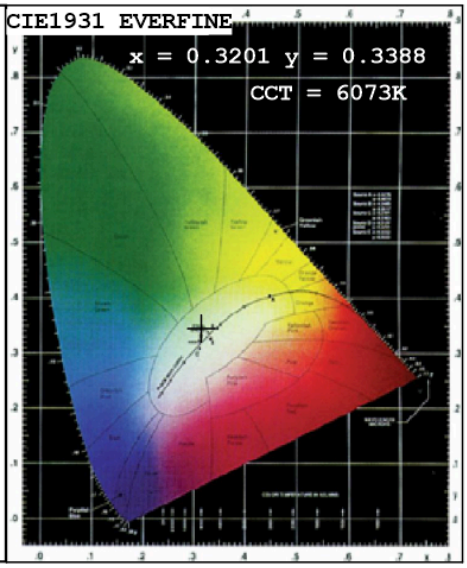
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	60
			Chromaticity coordinates (x and y)	0,320 0,338
Parameters for LED and OLED light sources:				
R9 colour rendering index value		7	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	6
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=0.3201 y=0.3388/u'=0.1993 v'=0.4745

CCT=6073K(Duv=0.0045) Dominant WL:Ld =497.0nm WL:Lc = --nm Purity=4.2%

Ratio:R=13.8% G=81.0% B=5.2%¡¡Peak WL:Lp=449.6nm FWHM=22.1nm

Render Index:Ra=82.9

R1 =81	R2 =87	R3 =90	R4 =83	R5 =82	R6 =82	R7 =88	
R8 =70	R9 =7	R10=68	R11=83	R12=59	R13=82	R14=95	R15=76

Photo Parameters:

Flux = 867.5 lm Eff. : 123.67 lm/W Fe = 2.776 W

Electrical parameters:

V = 229.57 V I = 0.05520 A P = 7.015 W PF = 0.5536

WHITE:ANSI_6500K

Status: Integral T = 41 ms Ip = 45652 (70%)

Model:LED GLOBE P45	Number:99LED925HE
Tester:Atanas DAKOV	Date:2022-09-07 16:03:52
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8756