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: 99LED917HE

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

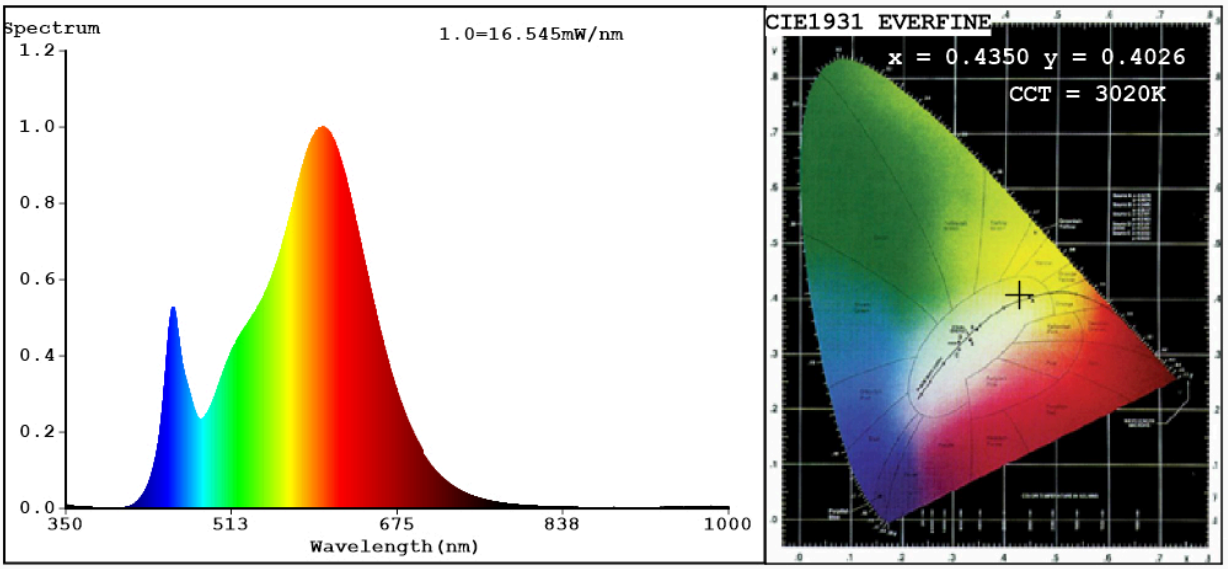
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	800 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	3 000
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	110	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	37		
Depth	37		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		Yes	If yes, equivalent power (W)	55
			Chromaticity coordinates (x and y)	0,435 0,402
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	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)		0,2	Stroboscopic effect metric (SVM)	0,2

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4350 y=0.4026/u'=0.2500 v'=0.5205

CCT=3020K(Duv=-0.0003) Dominant WL:Ld =582.8nm WL:Lc = --nm Purity=51.4%

Ratio:R=22.8% G=74.3% B=2.9%¡¡Peak WL:Lp=602.1nm FWHM=123.3nm

Render Index:Ra=82.2

R1 =81	R2 =93	R3 =94	R4 =79	R5 =81	R6 =91	R7 =81	
R8 =57	R9 =5	R10=83	R11=78	R12=73	R13=84	R14=97	R15=73

Photo Parameters:

Flux = 802.5 lm Eff. : 114.01 lm/W Fe = 2.452 W

Electrical parameters:

V = 229.42 V I = 0.05582 A P = 7.039 W PF = 0.5496

WHITE:ANSI_3000K

Status: Integral T = 41 ms Ip = 33226 (51%)

Model:LED GLOBE P37	Number:99LED917HE
Tester:Atanas DAKOV	Date:2022-09-08 08:16:59
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8756