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: 99LED553

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	G24d		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

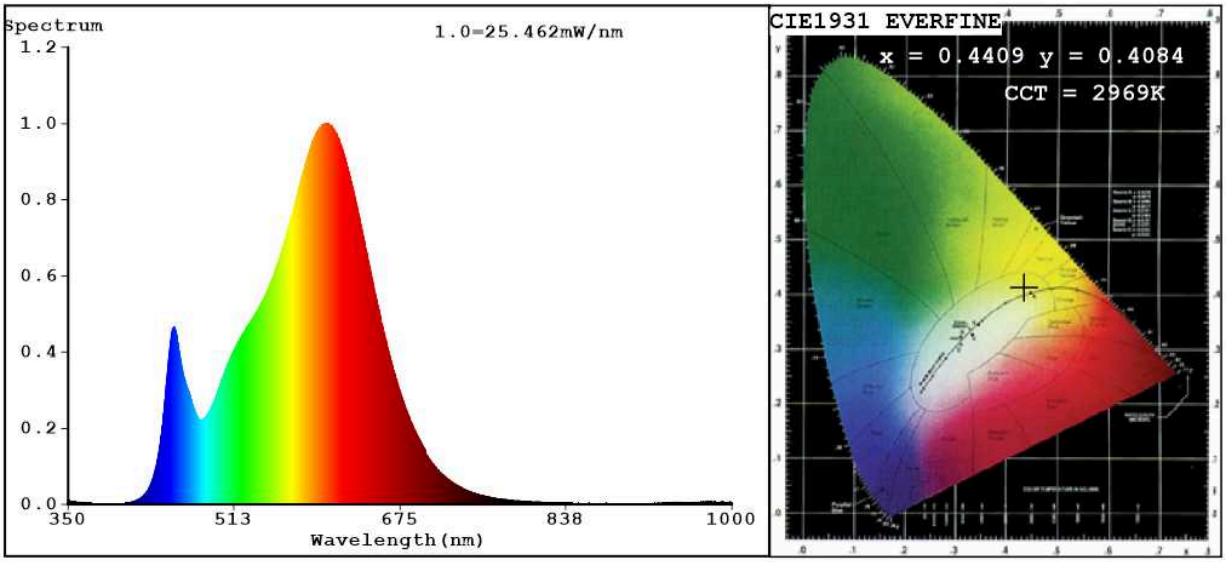
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 300 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	3 000
On-mode power (P_{on}), expressed in W	15,9	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 — Height	193	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	38		
Outer dimensions without — Depth	38		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		Yes	If yes, equivalent power (W)	90
			Chromaticity coordinates (x and y)	0,440 0,408
Parameters for directional light sources:				
Peak luminous intensity (cd)		603	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	0
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		Yes[(b)]	If yes then replacement claim (W)	85
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,2

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

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

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4409 y=0.4084/u'=0.2513 v'=0.5237

CCT=2969K(Duv=0.0012) Dominant WL:Ld =582.5nm Purity=54.9%

Ratio:R=23.0% G=74.3% B=2.7%¡¡Peak WL:Lp=603.5nm FWHM=121.8nm

Render Index:Ra=81.8

R1 =80	R2 =92	R3 =95	R4 =79	R5 =81	R6 =90	R7 =81	
R8 =56	R9 =3	R10=81	R11=78	R12=71	R13=83	R14=98	R15=72

Photo Parameters:

Flux = 1229 lm Eff. : 77.30 lm/W Fe = 3.696 W

Electrical parameters:

V = 220.10 V I = 0.1443 A P = 15.90 W PF = 0.5006

WHITE:ANSI_3000K

Status: Integral T = 19 ms Ip = 40068 (61%)

Model:LEDPLC_15W	Number:99LED553
Tester:Petya Marinova	Date:2015-02-09 13:15
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:EVERFINE	Remarks: