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: 99LED526

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

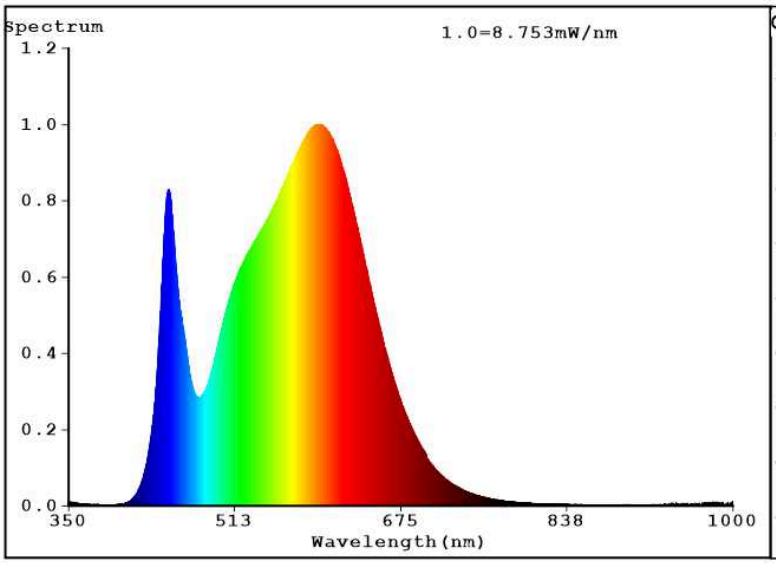
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	500 in Narrow cone (90°)	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	4 000
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	64	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	50		
Outer dimensions without separate control gear, lighting control — Depth	50		

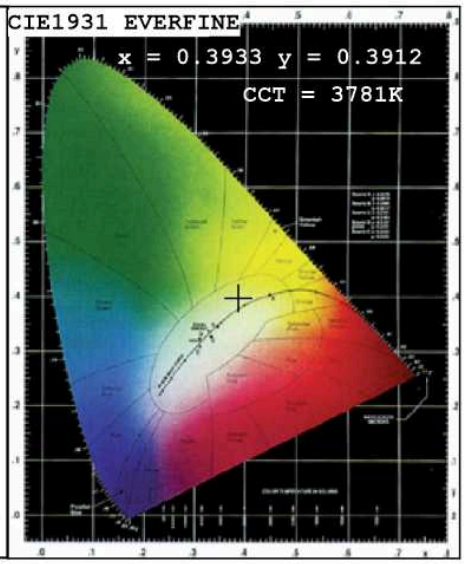
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	50
			Chromaticity coordinates (x and y)	0,393 0,391
Parameters for directional light sources:				
Peak luminous intensity (cd)		595	Beam angle in degrees, or the range of beam angles that can be set	36
Parameters for LED and OLED light sources:				
R9 colour rendering index value		4	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,60	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)	45
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,3

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3933 y=0.3912/u'=0.2277 v'=0.5097

CCT=3781K(Duv=0.0031) Dominant WL:Ld =578.5nm Purity=35.5%

Ratio:R=18.7% G=77.9% B=3.3%¡¡Peak WL:Lp=595.5nm FWHM=148.5nm

Render Index:Ra=82.2

R1 =80	R2 =88	R3 =96	R4 =81	R5 =80	R6 =84	R7 =86	
R8 =62	R9 =4	R10=73	R11=80	R12=65	R13=82	R14=98	R15=73

Photo Parameters:

Flux = 495.3 lm Eff. : 66.76 lm/W Fe = 1.484 W

Electrical parameters:

V = 229.90 V I = 0.05153 A P = 7.418 W PF = 0.6262

WHITE:ANSI_4000K

Status: Integral T = 64 ms Ip = 52864 (81%)

Model:LED7/6W	Number:99LED526
Tester:Petya Marinova	Date:2014-07-08 11:32
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:07.2014