

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: 99LED639E

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:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

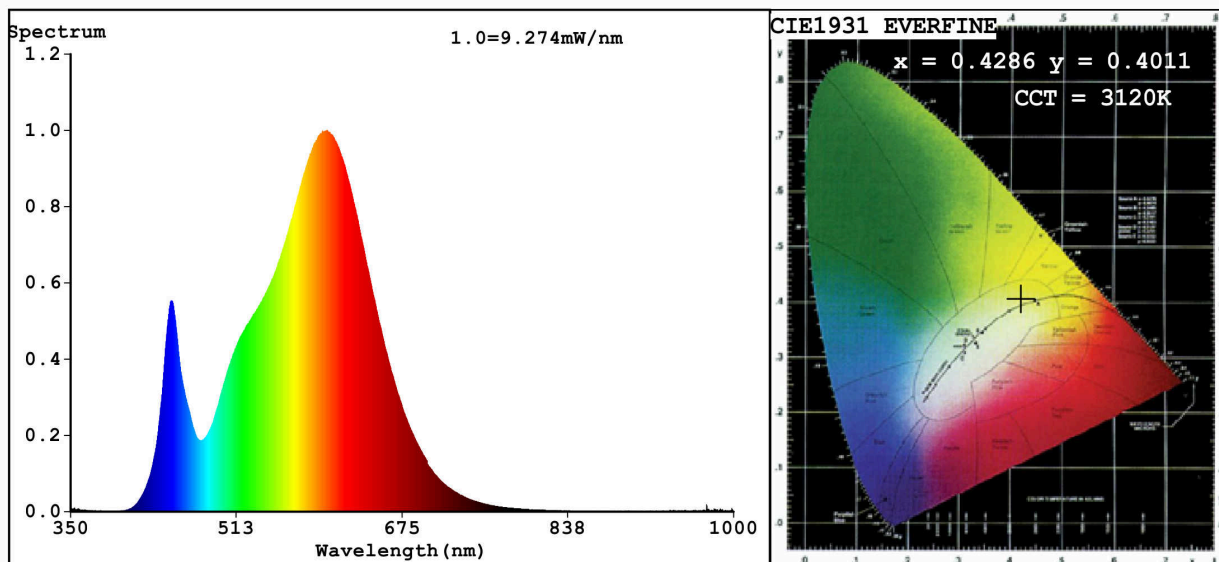
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	480 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	7,4	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	80
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,428 0,401	
Parameters for directional light sources:				
Peak luminous intensity (cd)	601	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	0	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,40	Colour consistency in McAdam ellipses	5	
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)	0,4	Stroboscopic effect metric (SVM)	0,6	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4286$ $y=0.4011$ $u'=0.2465$ $v'=0.5190$

CCT=3120K(Duv=-0.0000) Dominant WL:Ld =582.3nm Purity=49.0%

Ratio:R=21.9% G=75.6% B=2.6%; Peak WL:Lp=601.1nm FWHM=127.1nm

Render Index:Ra=80.8

R1 =79	R2 =89	R3 =96	R4 =79	R5 =79	R6 =87	R7 =82
R8 =56	R9 =0	R10=76	R11=78	R12=70	R13=81	R14=98
						R15=71

Photo Parameters:

Flux = 460.2 lm Eff. : 61.69 lm/W Fe = 1.375 W

Electrical parameters:

V = 230.02 V I = 0.06801 A P = 7.460 W PF = 0.4769

WHITE:ANSI_3000K

Status: Integral T = 98 ms Ip = 46645 (71%)

Model:LED GLASS PANELS/6W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED639
Date:2017-06-19 16:02
Humidity:65.0%
Remarks:016V038A_3312