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: 9619LEDW

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

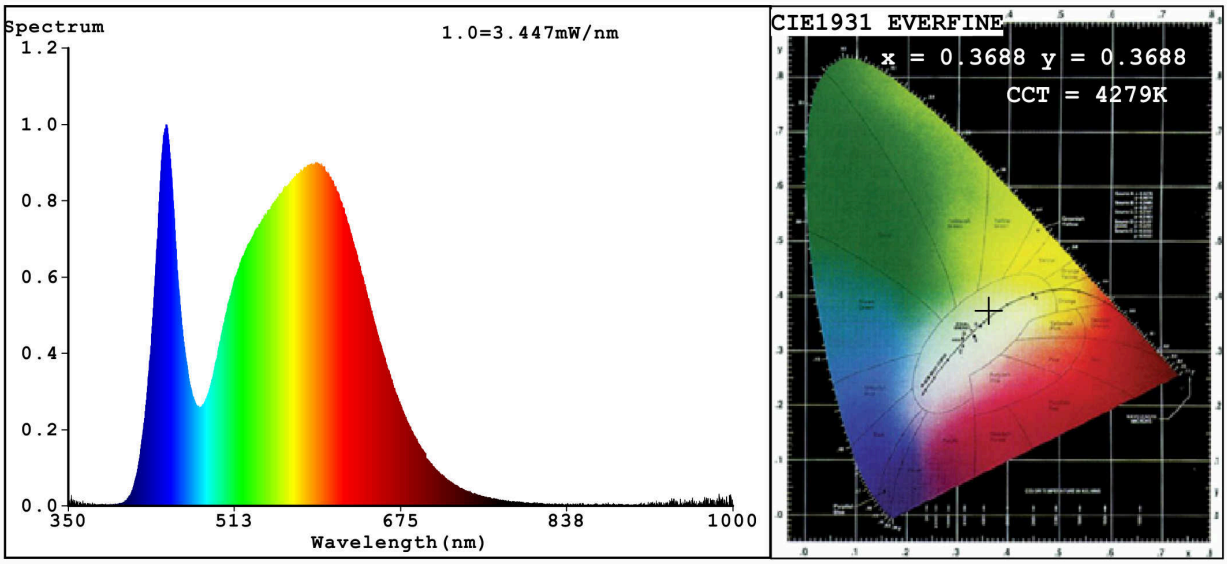
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	200 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	6,9	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	82
Outer dimensions without — Height	44	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	138		
Outer dimensions without — Depth	143		

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)	0,368 0,368
Parameters for directional light sources:				
Peak luminous intensity (cd)		446	Beam angle in degrees, or the range of beam angles that can be set	60
Parameters for LED and OLED light sources:				
R9 colour rendering index value		12	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,40	Colour consistency in McAdam ellipses	0
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=0.3688 y=0.3688/u'=0.2206 v'=0.4963

CCT=4279K(Duv=-0.0002) Dominant WL:Ld =578.1nm Purity=21.4%

Ratio:R=17.4% G=79.1% B=3.5%¡¡Peak WL:Lp=446.5nm FWHM=27.6nm

Render Index:Ra=82.0

R1 =81	R2 =86	R3 =90	R4 =83	R5 =81	R6 =81	R7 =86	
R8 =68	R9 =12	R10=67	R11=82	R12=64	R13=82	R14=94	R15=76

Photo Parameters:

Flux = 187.1 lm Eff. : 27.06 lm/W Fe = 585.3 mW

Electrical parameters:

V = 220.15 V I = 0.06564 A P = 6.913 W PF = 0.4784

WHITE:ANSI_4500K

Status: Integral T = 126 ms Ip = 32105 (49%)

Model:GRF9619 LED_6W	Number:9619LEDW
Tester:Petya Marinova	Date:2015-04-17 15:42
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:EVERFINE	Remarks:PO001902