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: 92LED216WH

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

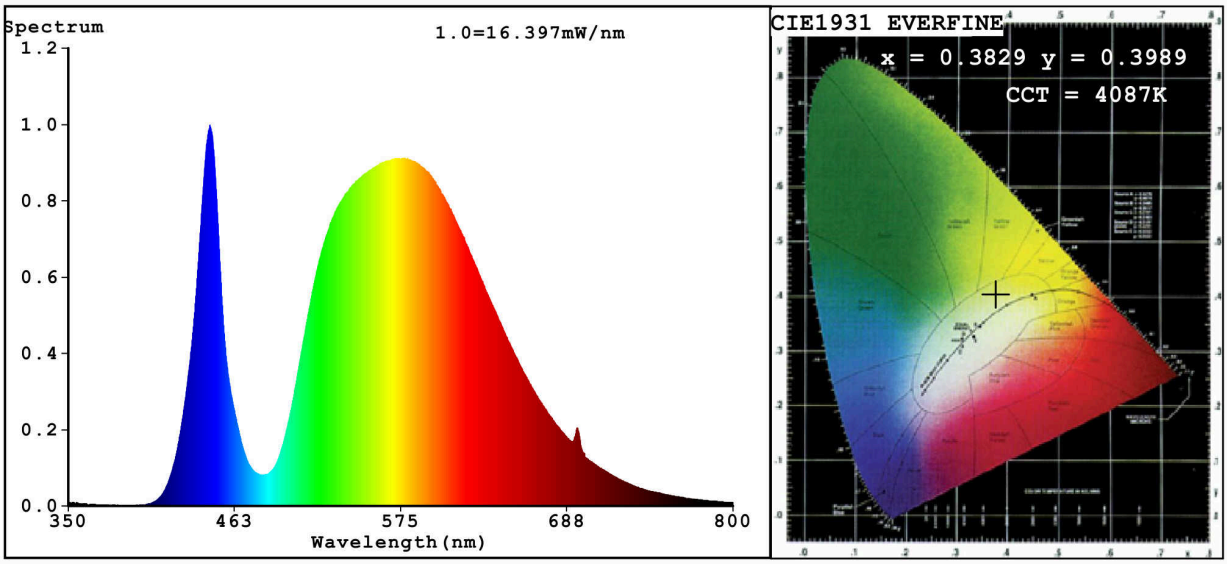
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	850 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	4 000
On-mode power (P_{on}), expressed in W	11,7	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	69
Outer dimensions without — Height	165	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	165		
Outer dimensions without — Depth	70		

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)	0,382 0,398
Parameters for directional light sources:				
Peak luminous intensity (cd)		445	Beam angle in degrees, or the range of beam angles that can be set	100
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 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.		-[(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=0.3829 y=0.3989/u'=0.2181 v'=0.5113

CCT=4087K(Duv=0.0093) Dominant WL:Ld =574.7nm Purity=34.6%

Ratio:R=15.8% G=82.4% B=1.8%¡¡Peak WL:Lp=445.9nm FWHM=19.6nm

Render Index:Ra=69.5

R1 =66	R2 =74	R3 =80	R4 =71	R5 =66	R6 =63	R7 =81	
R8 =55	R9 =0	R10=38	R11=66	R12=34	R13=67	R14=89	R15=60

Photo Parameters:

Flux = 885.7 lm Eff. : 75.26 lm/W Fe = 2.523 W

Electrical parameters:

V = 220.14 V I = 0.1067 A P = 11.77 W PF = 0.5009

WHITE:OUT

Status: Integral T = 39 ms Ip = 55253 (84%)

Model:GLFILM216WH_10W	Number:92LED216WH
Tester:Petya Marinova	Date:2014-10-20 14:43
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:EVERFINE	Remarks:FRX-L-13189/06