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: 95LIGHTB12

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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

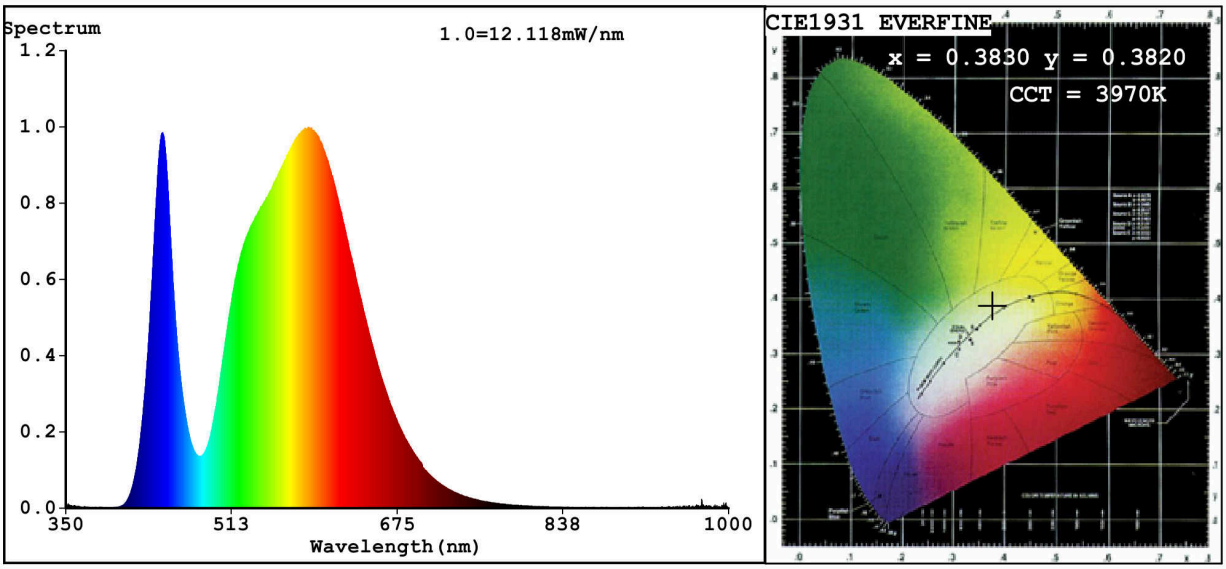
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	700 in Sphere (360°)	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	13,2	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	74
Outer dimensions without — Height	180	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	180		
Outer dimensions without — Depth	45		

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)	0,383 0,382
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	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)		0,0	Stroboscopic effect metric (SVM)	0,0

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3830 y=0.3820/u'=0.2247 v'=0.5043

CCT=3970K(Duv=0.0017) Dominant WL:Ld =578.3nm Purity=29.6%

Ratio:R=17.1% G=80.5% B=2.3%¡¡Peak WL:Lp=587.8nm FWHM=134.1nm

Render Index:Ra=74.0

R1 =72	R2 =79	R3 =86	R4 =75	R5 =71	R6 =72	R7 =82	
R8 =56	R9 =0	R10=51	R11=72	R12=49	R13=73	R14=92	R15=65

Photo Parameters:

Flux = 683.3 lm Eff. : 51.75 lm/W Fe = 1.998 W

Electrical parameters:

V = 229.96 V I = 0.1083 A P = 13.21 W PF = 0.5301

WHITE:ANSI_4000K

Status: Integral T = 57 ms Ip = 44945 (69%)

Model:LED WALL LIGHÒ/12W	Number:95LIGHTB12
Tester:Petya Marinova	Date:2018-10-31 12:45
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O18V022A_4841