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: 95BSLED12WH

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

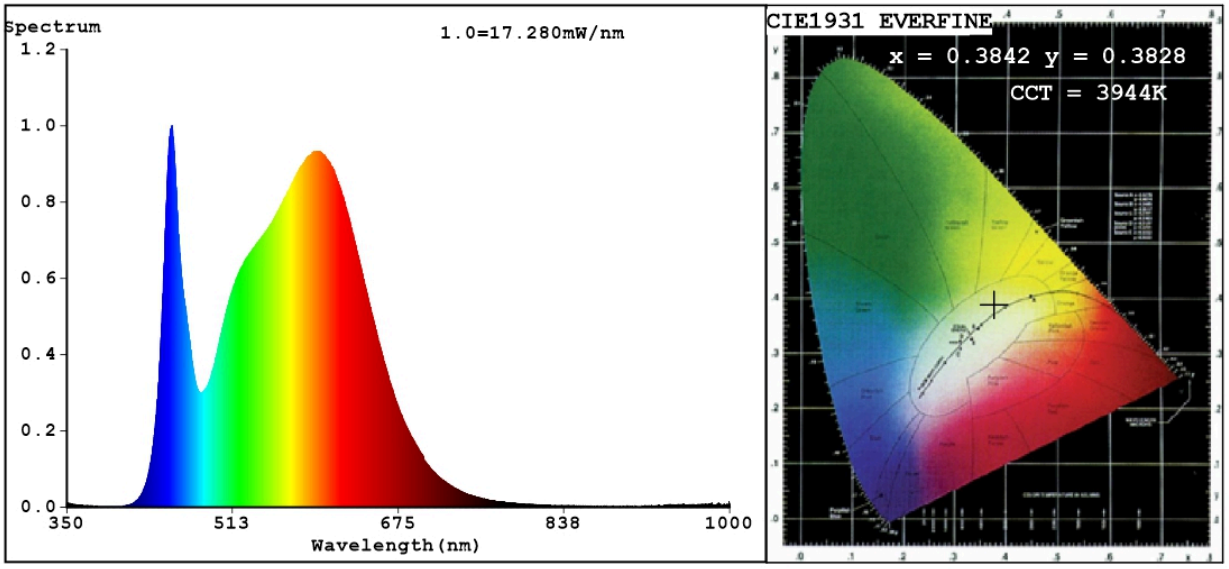
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	930 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	12,0	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	84
Outer dimensions without — Height	220	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	73		
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)	0,384 0,382
Parameters for LED and OLED light sources:				
R9 colour rendering index value		13	Survival factor	0,50
the lumen maintenance factor		0,95		
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)		0,6	Stroboscopic effect metric (SVM)	0,2

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3842 y=0.3828/u'=0.2252 v'=0.5048

CCT=3944K(Duv=0.0017) Dominant WL:Ld =578.4nm Purity=30.2%

Ratio:R=18.6% G=77.7% B=3.7%¡¡Peak WL:Lp=453.0nm FWHM=23.9nm

Render Index:Ra=84.0

R1 =82	R2 =91	R3 =96	R4 =82	R5 =82	R6 =87	R7 =86	
R8 =66	R9 =13	R10=77	R11=81	R12=61	R13=85	R14=98	R15=76

Photo Parameters:

Flux = 929.7 lm Eff. : 77.09 lm/W Fe = 2.836 W

Electrical parameters:

V = 220.05 V I = 0.09845 A P = 12.06 W PF = 0.5567

WHITE:ANSI_4000K

Status: Integral T = 50 ms Ip = 55983 (85%)

Model:LED BULKHEAD LAMP/12W	Number:95BSLED12WH
Tester:Petya Marinova	Date:2016-09-30 12:43
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O16F006_2941