# **Product Information Sheet**

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or t	rade mark: ELMARK
Supplier's address:	ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

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Model identifie	r: 920LED111			
Type of light so	urce:			
Lighting technology used:		LED	Non-directional or directional:	NDLS
Light source cap	o-type	Integrated LED		
(or other electric interface)				
Mains or non-mains:		NMLS	Connected light source (CLS):	No
Colour-tuneable light source:		No	Envelope:	-
High luminance light source:		No		
Anti-glare shield:		No	Dimmable:	No
		Product para	meters	
Parameter		Value	Parameter	Value
		General product p	parameters:	
Energy consumption in on- mode (kWh/1000 h), rounded up to the nearest integer		12	Energy efficiency class	G
Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)		700 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	2 700
On-mode power (P <sub>on</sub> ), expressed in W		11,3	Standby power (P <sub>sb</sub> ), expressed in W and rounded to the second decimal	0,00
Networked standby power (P <sub>net</sub> ) 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	62
Outer	Height	500	Spectral power	See image
dimensions without	Width	42	distribution in the	in last page
	Depth	15		

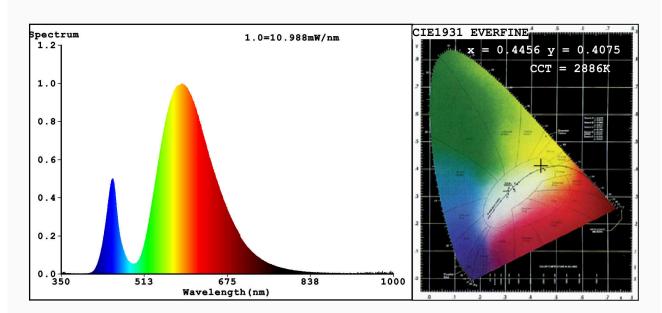
separate control gear, lighting control parts and non- lighting control parts, if any (millimetre)		range 250 nm to 800 nm, at full-load				
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-			
		Chromaticity	0,445			
		coordinates (x and y)	0,407			
Parameters for LED and OLED light sources:						
R9 colour rendering index value	0	Survival factor	0,50			
the lumen maintenance factor	0,93					

(a)'-': not applicable; (b)'-': not applicable;





# Spectrum Test Report



#### Color Parameters:

Chromaticity Coordinate:x=0.4456 y=0.4075/u'=0.2547 v'=0.5240 CCT=2886K(Duv=0.0002) Dominant WL:Ld =583.2nm Purity=56.1% Ratio:R=20.7% G=78.1% B=1.2%; Peak WL:Lp=586.8nm FWHM=118.4nm

Render Index:Ra=62.8

R1 =58 R2 =75 R3 =86 R4 =54 R5 =54 R6 =59 R7 =77

R8 =40 R9 =0 R10=39 R11=38 R12=23 R13=60 R14=92 R15=55

## Photo Parameters:

Flux = 536.3 lm Eff. : 47.42 lm/W Fe = 1.595 W

## Electrical parameters:

V = 12.080 V I = 0.9363 A P = 11.31 W PF = 1.000

WHITE: ANSI\_3000K

Status: Integral T = 51 ms Ip = 46431 (71%)

Model:CAB-20\_12W Number:920LED111

Tester:Petya Marinova Date:2015-04-15 14:51

Temperature: 25.3Deg Humidity: 65.0%
Manufacturer: ELMARK Remarks: P0001901