

# 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:** 95BRICE24LED

**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

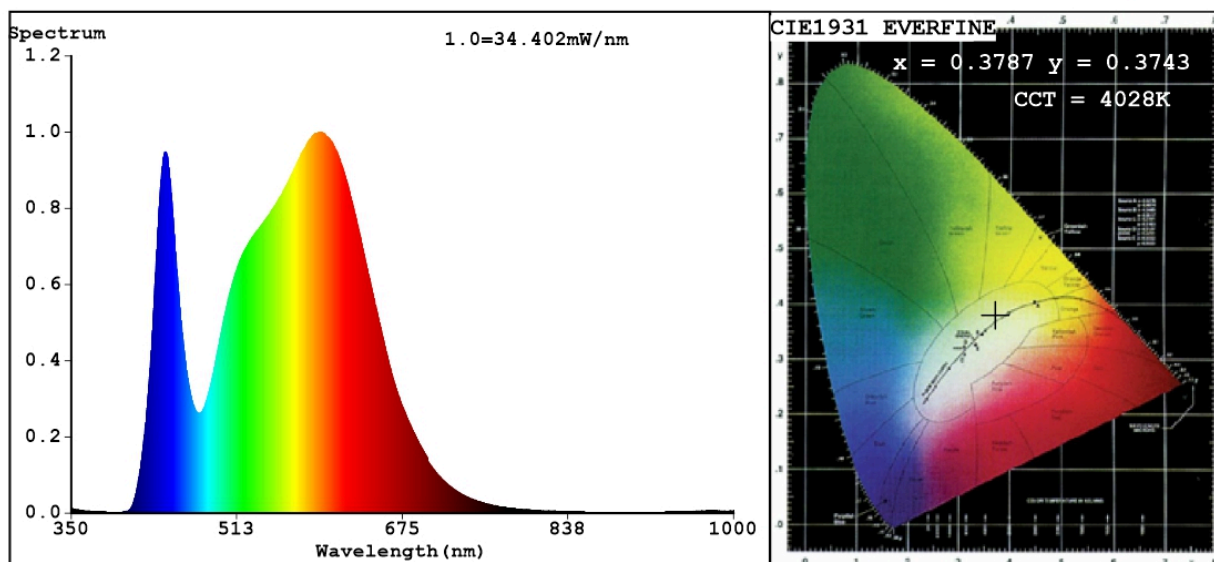
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 000 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	24,0	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	83
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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 coordinates (x and y)	0,378 0,374	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	12	Survival factor	0,50	
the lumen maintenance factor	0,95			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	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:  $x=0.3787$   $y=0.3743$   $u'=0.2249$   $v'=0.5003$

CCT=4028K(Duv=-0.0006) Dominant WL:Ld =579.3nm Purity=26.0%

Ratio:R=18.3% G=78.3% B=3.4%; Peak WL:Lp=595.5nm FWHM=153.2nm

Render Index:Ra=83.2

R1 =82	R2 =87	R3 =92	R4 =84	R5 =83	R6 =84	R7 =86
R8 =67	R9 =12	R10=71	R11=84	R12=71	R13=83	R14=96
						R15=76

### Photo Parameters:

Flux = 1999 lm Eff. : 80.94 lm/W Fe = 6.221 W

### Electrical parameters:

V = 229.83 V I = 0.1927 A P = 24.70 W PF = 0.5575

WHITE:ANSI\_4000K

Status: Integral T = 20 ms Ip = 34971 (53%)

Model:BRICE24 LED/24W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:95BRICE24LED  
 Date:2017-11-16 11:43  
 Humidity:65.0%  
 Remarks:017V037B\_4080