

# BOEL-TRONIC<sup>®</sup>

## ELECTRONIC & LIGHTING SOLUTIONS



FICHA TECNICA / DATASHEET

### TIRA FLEXIBLE LED / FLEXIBLE LED STRIP

Made in Spain

Ref. **F2008K1224C**



Tira flexible IP20 con 120 leds/metro SMD2835  
PCB 8mm

Uso diario máximo recomendado: 18h

Vida útil: 30.000h\*

\*En función de la disipación del perfil, de las horas diarias trabajadas y de la temperatura externa ambiental de trabajo.



*IP20 flexible strip with 120 LEDs/meter SMD2835  
PCB 8mm*

*Recommended maximum daily use: 18h*

*Lifespan: 30.000h\**

*\*Depending on the dissipation of the profile, the daily hours worked and the external ambient working temperature.*

• Potencia / Power (W)	<b>12W/M</b>
• Voltaje / Voltage (V)	<b>24Vdc/Vcc</b>
• Color / Colour (°K)	<b>± 3000K</b>
• Lúmenes/m (Lm/m)	<b>±1030</b>
• Smd Led	<b>2835</b>
• Cri / Ra	<b>≥ 90</b>
• Ángulo / Angle (>)	<b>120°</b>
• Protección / Protection (IP)	<b>IP20</b>
• LPM	<b>120</b>
• Medidas / Measures (MM)	<b>5000 x 8 x 2.2</b>
• Corte / Cut (MM)	<b>50</b>
• Ancho / Width PCB (MM)	<b>8</b>
• Temperatura trabajo / Working temperature	<b>-20°C / +40°C</b>
• Uso / Use	<b>Interior / Indoor</b>
• Regulable / Dimmable	<b>Si / Yes</b>
• Clasificación Energética / Energy Classification	<b>G</b>
• Embalaje / Packaging	<b>1pc</b>
• Garantía / Guarantee	<b>3 años / Years</b>
• EAN	<b>8436614471714</b>
• Fabricado en / Made in	<b>España / Spain</b>



**BOEL-TRONIC**  
F2008K1224C

A

B

C

D

E

F

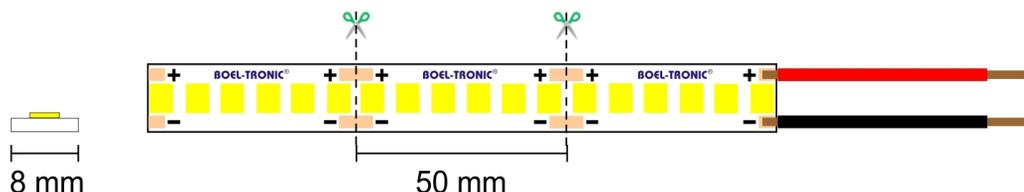
G

**G**

**12**  
kWh/1000h



2019/2015



## TEST CONTROL

### Product Mark

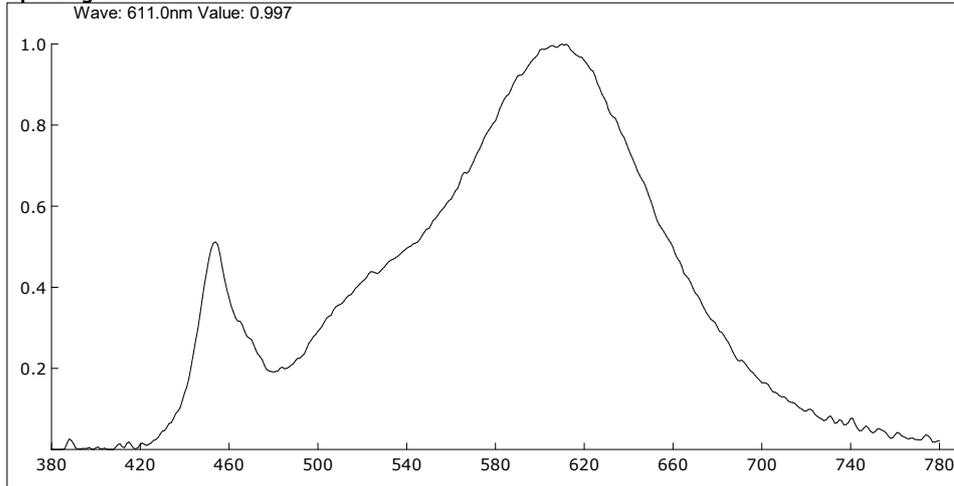
Model:F2008K1224C  
Temperature: 20°C  
Tester: otecnica

Manufacture: 220923  
Humidity: 50%  
Test Date: 2023-09-22,10:55:06

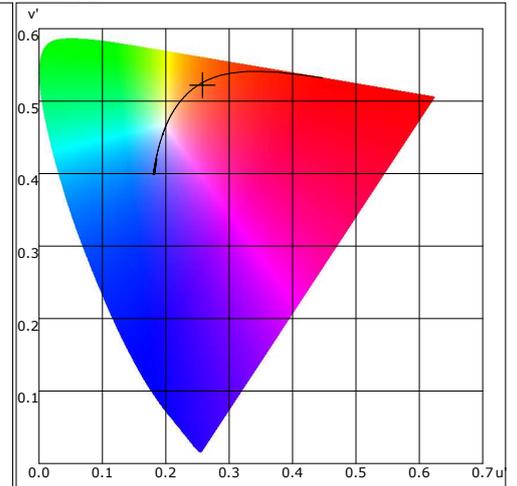
### Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	136.79	Peak(nm)	612.1				
Candle E(fc)	12.71	Center(nm)	600.7				
CCT(K)	2815	Centroid(nm)	586.6				
Duv	-0.00222	Color Ratio(RGB)	24.7,73.6,1.7				
x,y	0.4472,0.4016	CIE1931 X	223.004				
u,v	0.2583,0.3480	CIE1931 Y	200.281				
u',v'	0.2583,0.5219	CIE1931 Z	75.415				
SDCM	4.95	Integral Time(ms)	580				
Ra	84.1	Peak Signal	54495				
Ee(mW/cm²)	0.430	Dark Signal	3549				
S/P	1.307	Compensate level	3013				
Dominant(nm)	584.40						
Purity(%)	54.8						
HalfWidth(nm)	118.4						

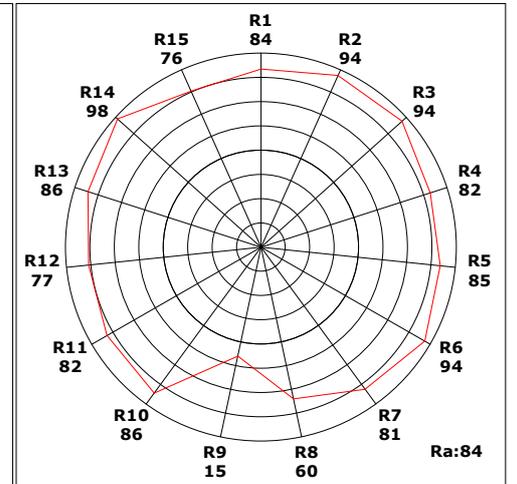
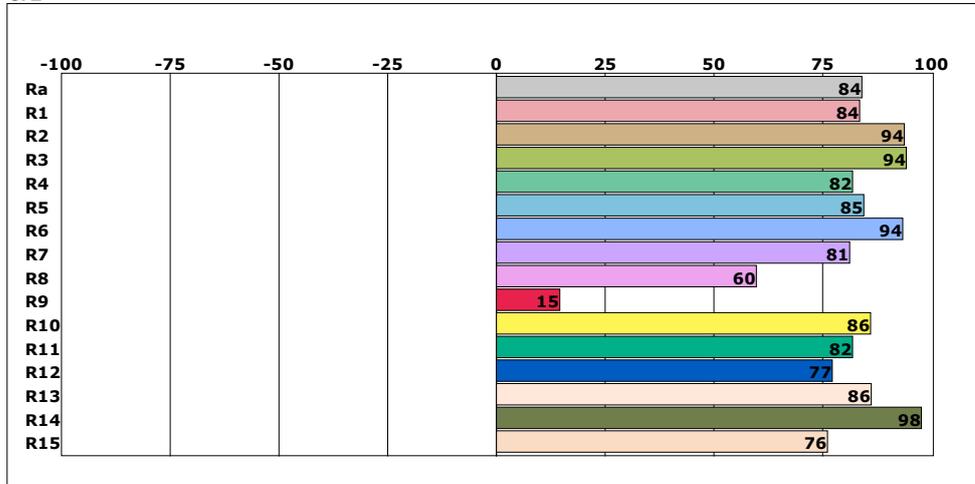
### Spectrogram



### CIE1976



### CRI



### Instrument Status

Type: OHSP-300  
Integral Time: 579.900ms

SN: 202007134  
VPeak: 54495

Scan Range: 380-780nm  
VDark: 3549

Remark: