

# BOEL-TRONIC®

## ELECTRONIC & LIGHTING SOLUTIONS



FICHA TECNICA / DATASHEET

### TIRA FLEXIBLE LED / FLEXIBLE LED STRIP

Made in Spain

Ref. **F2008K1224N**



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>± 4000K</b>           |
| • Lúmenes/m (Lm/m)                                 | <b>±1280</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>F</b>                 |
| • Embalaje / Packaging                             | <b>1pc</b>               |
| • Garantía / Guarantee                             | <b>3 años / Years</b>    |
| • EAN  | <b>8436614471721</b>     |
| • Fabricado en / Made in                           | <b>España / Spain</b>    |

**BOEL-TRONIC**  
F2008K1224N

**A**

**B**

**C**

**D**

**E**

**F**

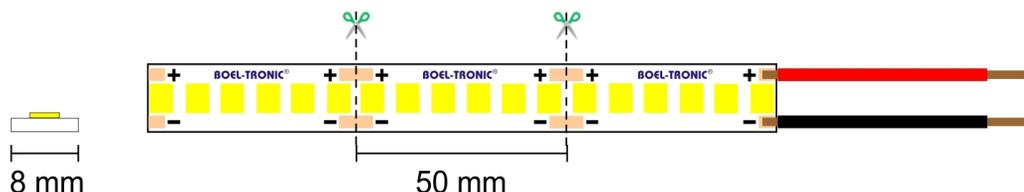
**G**

**F**

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**12**  
kWh/1000h

2019/2015



## TEST CONTROL

### Product Mark

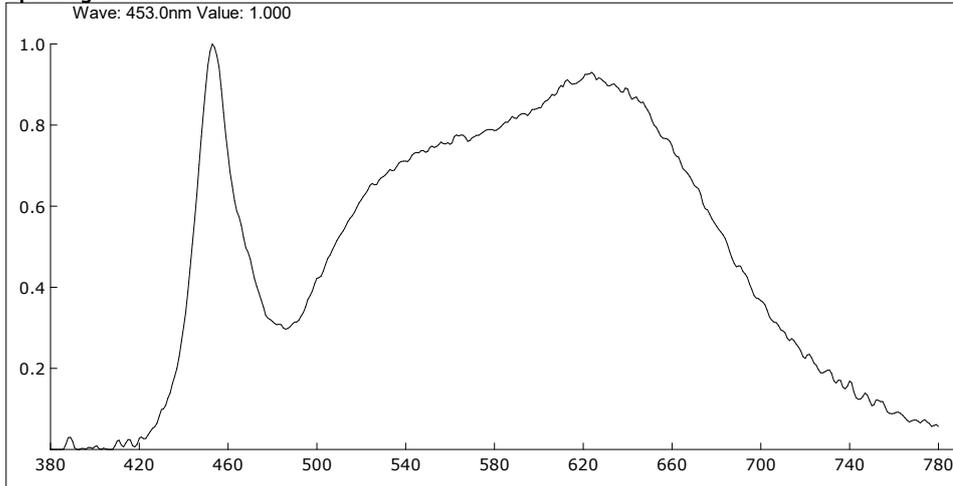
Model:F2008K1224N  
Temperature: 20°C  
Tester: otecnica

Manufacture: 220923  
Humidity: 50%  
Test Date: 2023-09-22,11:08:43

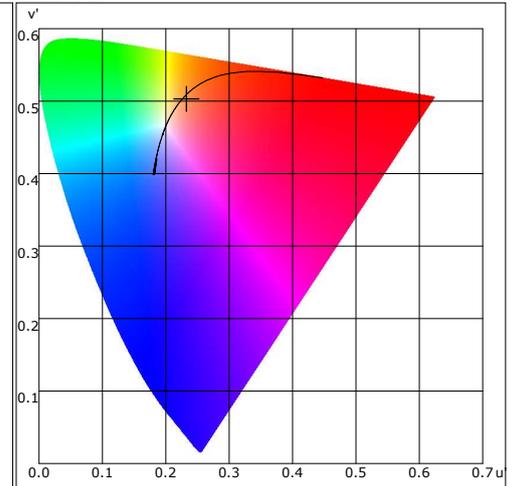
### Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	102.67	Peak(nm)	452.8				
Candle E(fc)	9.54	Center(nm)	456.0				
CCT(K)	3703	Centroid(nm)	585.1				
Duv	-0.00334	Color Ratio(RGB)	21.2,76.2,2.6				
x,y	0.3916,0.3761	CIE1931 X	156.494				
u,v	0.2327,0.3353	CIE1931 Y	150.327				
u',v'	0.2327,0.5030	CIE1931 Z	92.846				
SDCM	8.41	Integral Time(ms)	901				
Ra	94.7	Peak Signal	50367				
Ee(mW/cm <sup>2</sup> )	0.372	Dark Signal	3203				
S/P	1.690	Compensate level	3003				
Dominant(nm)	581.90						
Purity(%)	30.4						
HalfWidth(nm)	24.3						

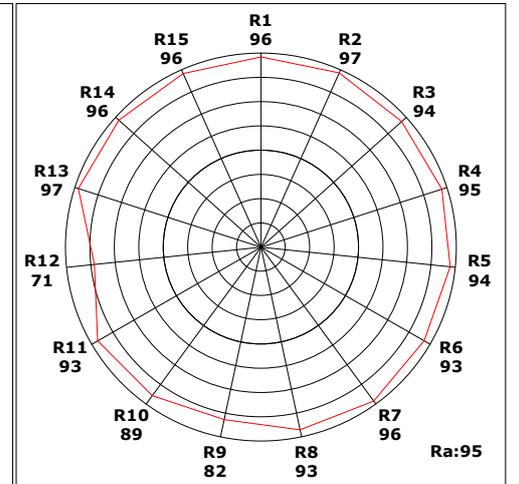
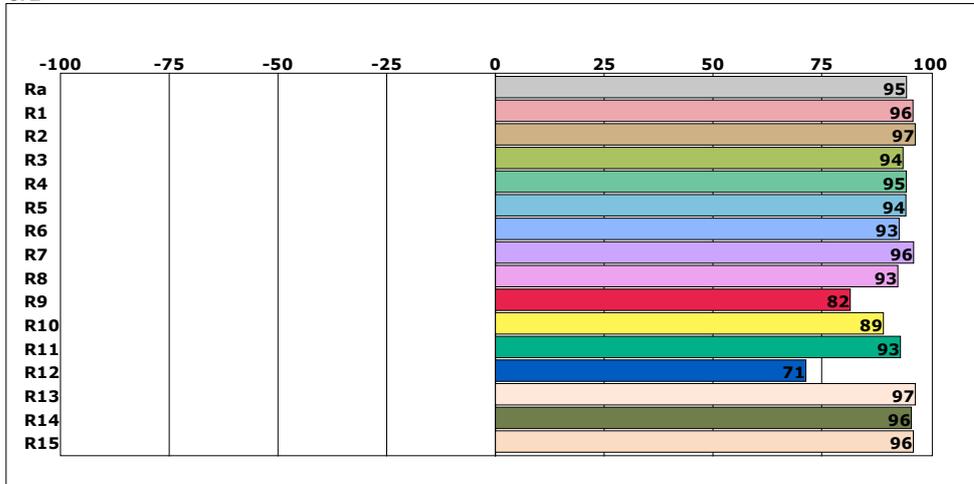
### Spectrogram



### CIE1976



### CRI



### Instrument Status

Type: OHSP-300  
Integral Time: 900.800ms

SN: 202007134  
VPeak: 50367

Scan Range: 380-780nm  
VDark: 3203

Remark: