

# BOEL-TRONIC<sup>®</sup>

## ELECTRONIC & LIGHTING SOLUTIONS

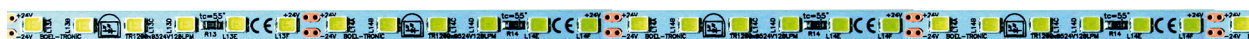


FICHA TECNICA / DATASHEET

### TIRA RÍGIDA LED / RIGID LED STRIP

Made in Spain

Ref. **R120005K1224K** 



Tira rígida 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 rigid 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)                             | 12W/M             |
| • Voltaje / Voltage (V)                            | 24Vdc/Vcc         |
| • Color / Colour (°K)                              | ±12500K           |
| • Lúmenes/m (Lm/m)                                 | ± 1020            |
| • Smd Led  | 2835              |
| • Cri / Ra   | ≥ 90              |
| • Ángulo / Angle (>)                               | 120°              |
| • Protección / Protection (IP)                     | IP20              |
| • LPM  | ≥120              |
| • Medidas / Measures (MM)                          | 1200 x 5 x 2.2    |
| • Corte / Cut (MM)                                 | 50                |
| • Ancho / Width PCB (MM)                           | 5                 |
| • Temperatura trabajo / Working temperature        | -20°C / +40°C     |
| • Uso / Use  | Interior / Indoor |
| • Regulable / Dimmable                             | Si / Yes          |
| • Clasificación Energética / Energy Classification | G                 |
| • Embalaje / Packaging                             | 1pc               |
| • Garantía / Guarantee                             | 3 años / Years    |
| • EAN  | 8436614473329     |
| • Fabricado en / Made in                           | España / Spain    |



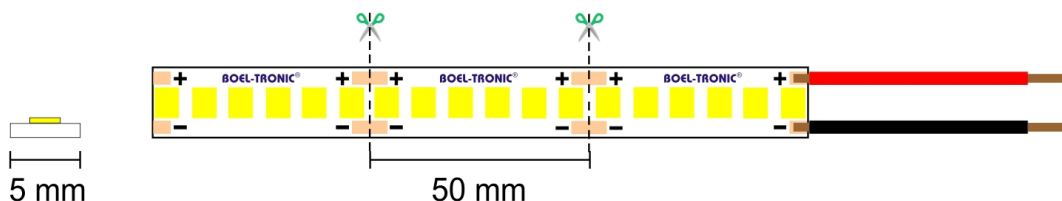
**BOEL-TRONIC**  
R120005K1224K

A	▶
B	▶
C	▶
D	▶
E	▶
F	▶
G	◀

**12** kWh/1000h



2019/2015



## TEST CONTROL

### Product Mark

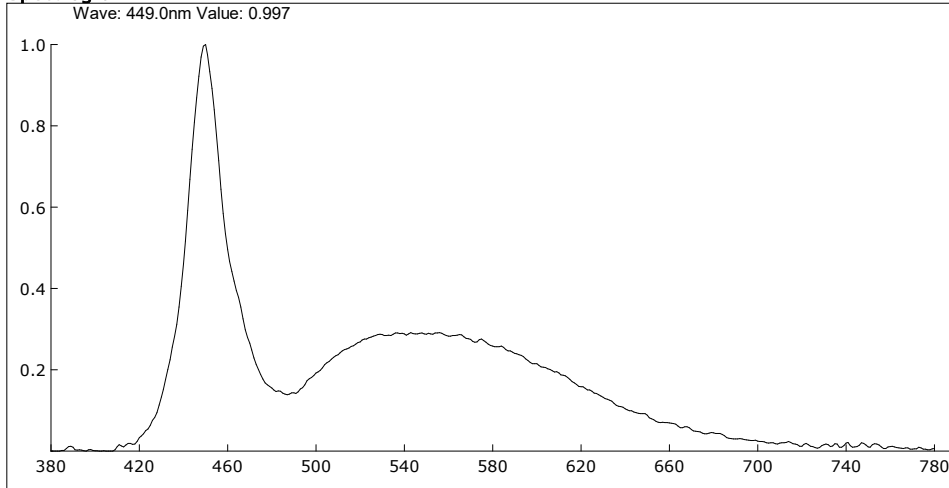
Model: R120005K1224K  
Temperature: 20°C  
Tester: otecnica

Manufacture: 220923  
Humidity: 50%  
Test Date: 2023-09-22,12:25:50

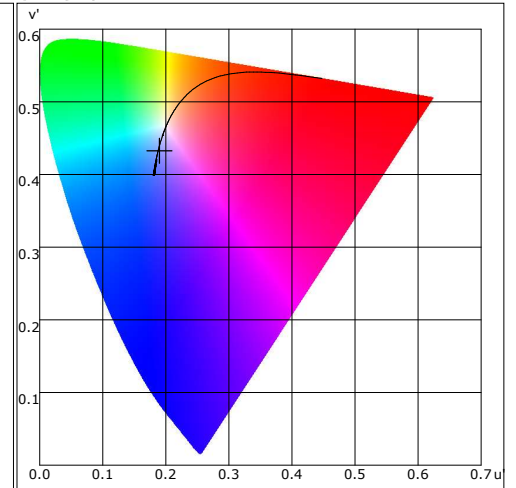
### Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	101.57	Peak(nm)	449.7				
Candle E(fc)	9.44	Center(nm)	450.4				
CCT(K)	11508	Centroid(nm)	525.5				
Duv	-0.00193	Color Ratio(RGB)	11.2,83.6,5.2				
x,y	0.2749,0.2779	CIE1931 X	147.129				
u,v	0.1901,0.2882	CIE1931 Y	148.709				
u',v'	0.1901,0.4323	CIE1931 Z	239.314				
SDCM	31.92	Integral Time(ms)	379				
Ra	81.3	Peak Signal	53120				
Ee(mW/cm²)	0.365	Dark Signal	3166				
S/P	2.616	Compensate level	3003				
Dominant(nm)	477.90						
Purity(%)	25.0						
HalfWidth(nm)	19.4						

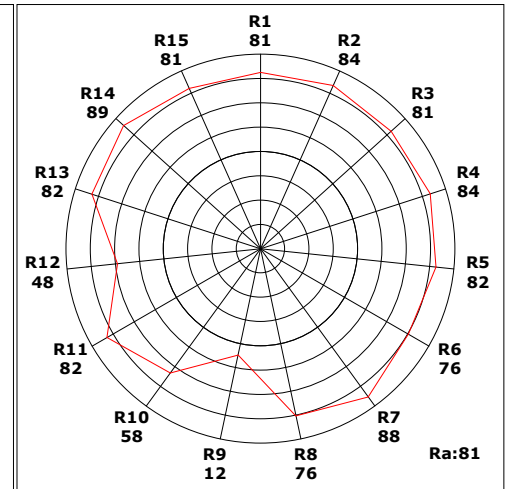
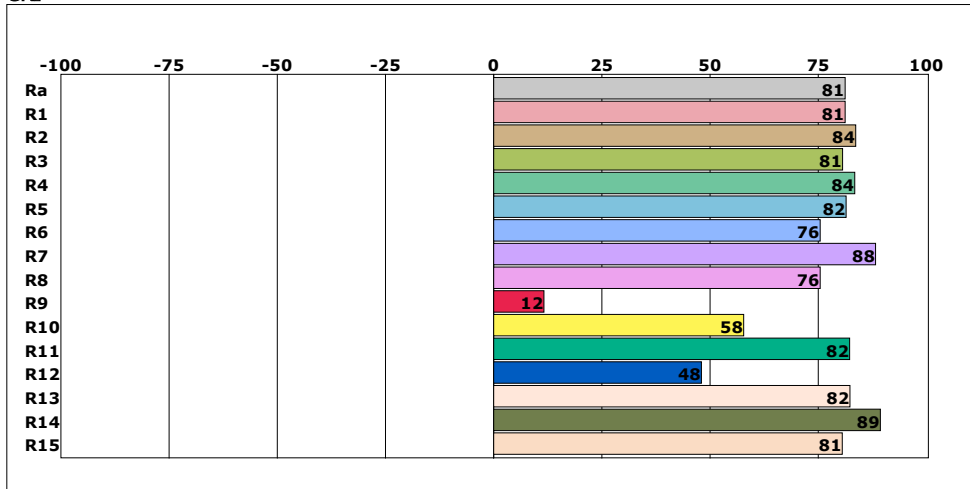
### Spectrogram



### CIE1976



### CRI



### Instrument Status

Type: OHSP-300  
Integral Time: 378.700ms

SN: 202007134  
VPeak: 53120

Scan Range: 380-780nm  
VDark: 3166

Remark: