

# BOEL-TRONIC<sup>®</sup>

## ELECTRONIC & LIGHTING SOLUTIONS

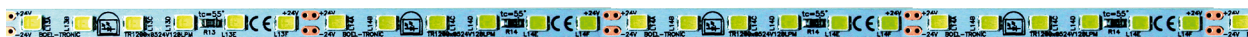


FICHA TECNICA / DATASHEET

### TIRA RÍGIDA LED / RIGID LED STRIP

Made in Spain

Ref. **R120005K1224G** 



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)                             | <b>12W/M</b>             |
| • Voltaje / Voltage (V)                            | <b>24Vdc/Vcc</b>         |
| • Color / Colour (°K)                              | <b>±7000K</b>            |
| • Lúmenes/m (Lm/m)                                 | <b>± 1030</b>            |
| • Smd Led  | <b>2835</b>              |
| • Cri / Ra   | <b>≥ 90</b>              |
| • Ángulo / Angle (>)                               | <b>120º</b>              |
| • Protección / Protection (IP)                     | <b>IP20</b>              |
| • LPM  | <b>120</b>               |
| • Medidas / Measures (MM)                          | <b>1200 x 5 x 2.2</b>    |
| • Corte / Cut (MM)                                 | <b>50</b>                |
| • Ancho / Width PCB (MM)                           | <b>5</b>                 |
| • Temperatura trabajo / Working temperature        | <b>-20ºC / +40ºC</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>8436614473305</b>     |
| • Fabricado en / Made in                           | <b>España / Spain</b>    |



**BOEL-TRONIC**  
R120005K1224G

**A**

**B**

**C**

**D**

**E**

**F**

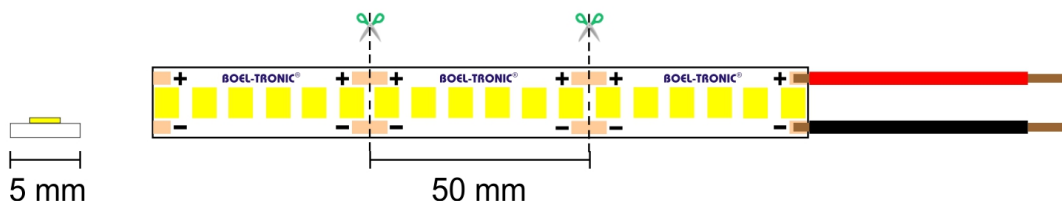
**G**

**G**

**12**  
kWh/1000h



2019/2015



## TEST CONTROL

### Product Mark

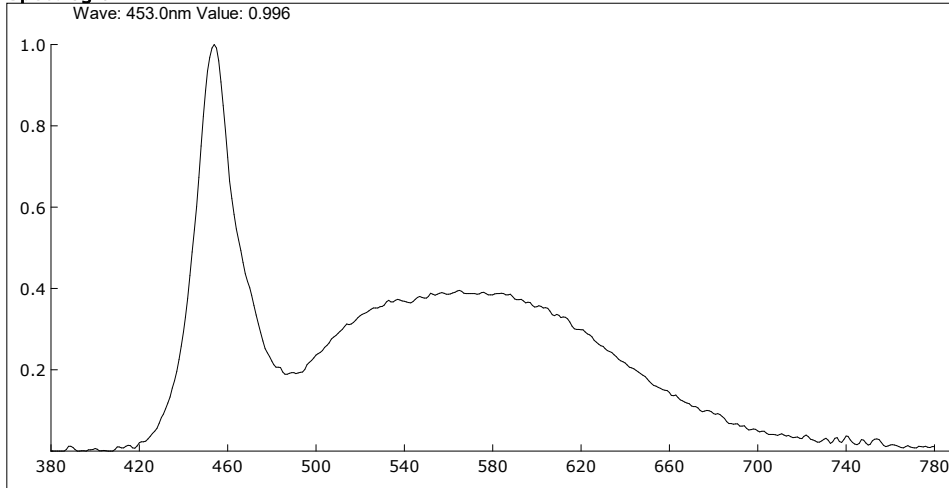
Model: R120005K1224G  
Temperature: 20°C  
Tester: otecnica

Manufacture: 220923  
Humidity: 50%  
Test Date: 2023-09-22,11:53:13

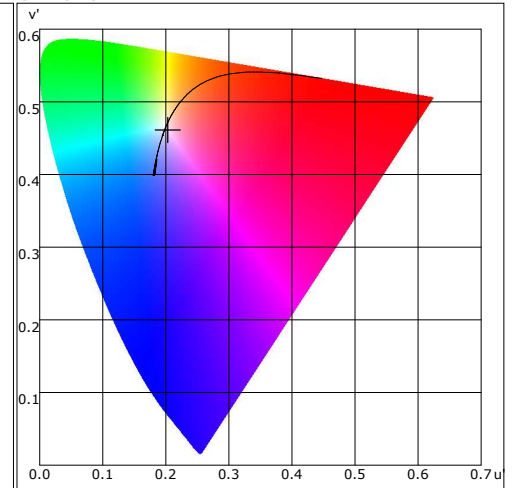
### Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	104.90	Peak(nm)	454.2				
Candle E(fc)	9.75	Center(nm)	455.1				
CCT(K)	6589	Centroid(nm)	543.4				
Duv	-0.00429	Color Ratio(RGB)	14.5,80.9,4.5				
x,y	0.3132,0.3153	CIE1931 X	152.571				
u,v	0.2035,0.3073	CIE1931 Y	153.593				
u',v'	0.2035,0.4609	CIE1931 Z	180.930				
SDCM	14.68	Integral Time(ms)	522				
Ra	86.7	Peak Signal	54719				
Ee(mW/cm²)	0.356	Dark Signal	3156				
S/P	2.272	Compensate level	3003				
Dominant(nm)	478.90						
Purity(%)	8.5						
HalfWidth(nm)	21.9						

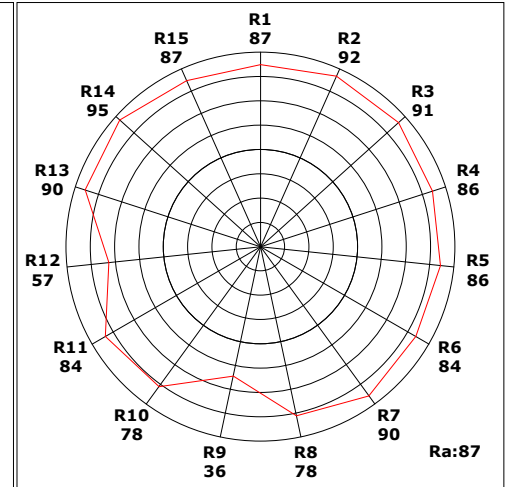
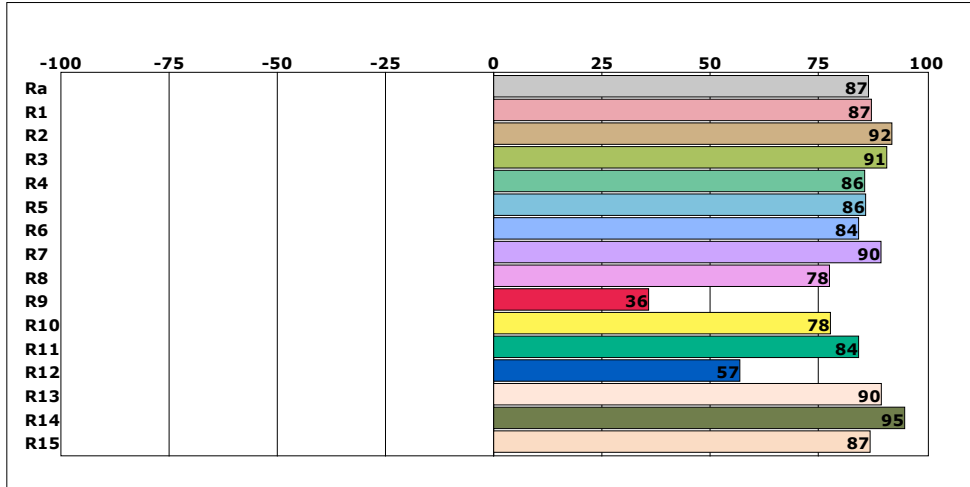
### Spectrogram



### CIE1976



### CRI



### Instrument Status

Type: OHSP-300  
Integral Time: 522.300ms

SN: 202007134  
VPeak: 54719

Scan Range: 380-780nm  
VDark: 3156

Remark: