

# BOEL-TRONIC<sup>®</sup>

## ELECTRONIC & LIGHTING SOLUTIONS



FICHA TECNICA / DATASHEET

### TIRA FLEXIBLE LED / FLEXIBLE LED STRIP

Made in Spain

Ref. **F2008K1424H**



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>14W/M</b>
• Voltaje / Voltage (V)	<b>24Vdc/Vcc</b>
• Color / Colour (°K)	<b>± 10000K</b>
• Lúmenes/m (Lm/m)	<b>± 1105</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>8436614472230</b>
• Fabricado en / Made in	<b>España / Spain</b>



**BOEL-TRONIC**  
F2008K1424H

**A**

**B**

**C**

**D**


**E**

**F**

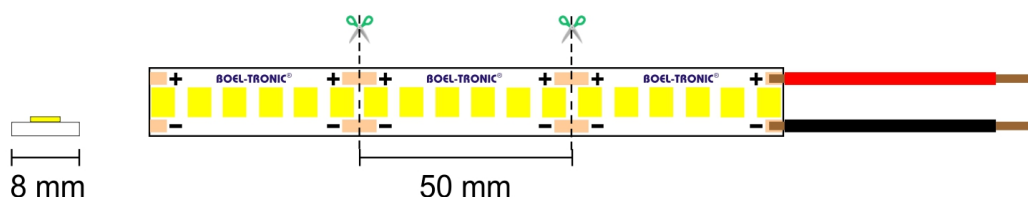
**G**

**G**

**14**  
kWh/1000h



2019/2015



## TEST CONTROL

### Product Mark

Model:F2008K1424H

Temperature: 20°C

Tester: otecnica

Manufacture: 220923

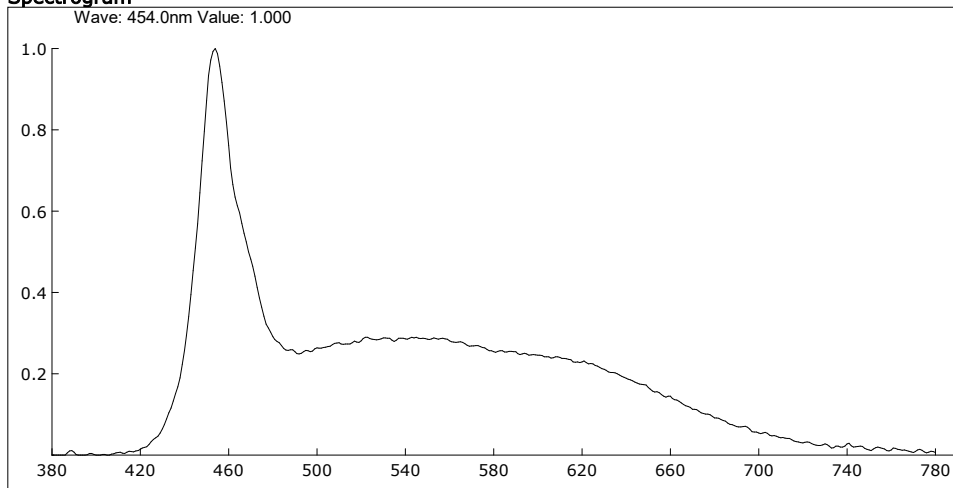
Humidity: 50%

Test Date: 2023-10-09,07:36:01

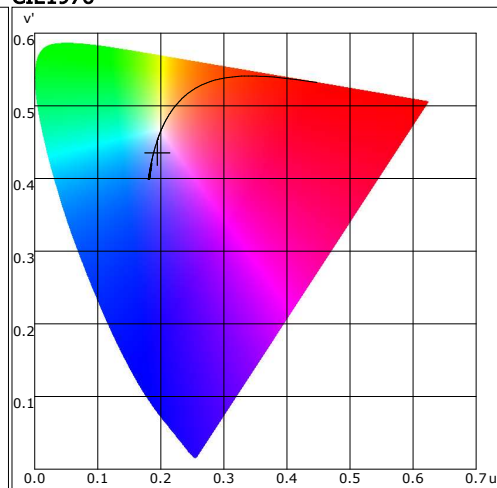
### Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	110.14	Peak(nm)	454.2				
Candle E(fc)	10.24	Center(nm)	457.0				
CCT(K)	10358	Centroid(nm)	536.9				
Duv	-0.00524	Color Ratio(RGB)	14.2,79.1,6.7				
x,y	0.2820,0.2802	CIE1931 X	162.282				
u,v	0.1945,0.2899	CIE1931 Y	161.265				
u',v'	0.1945,0.4349	CIE1931 Z	251.972				
SDCM	29.49	Integral Time(ms)	363				
Ra	91.8	Peak Signal	51551				
Ee(mW/cm²)	0.429	Dark Signal	3242				
S/P	2.822	Compensate level	3025				
Dominant(nm)	476.30						
Purity(%)	22.5						
HalfWidth(nm)	24.3						

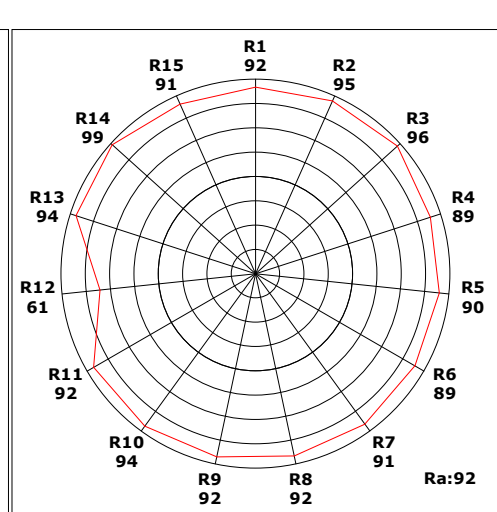
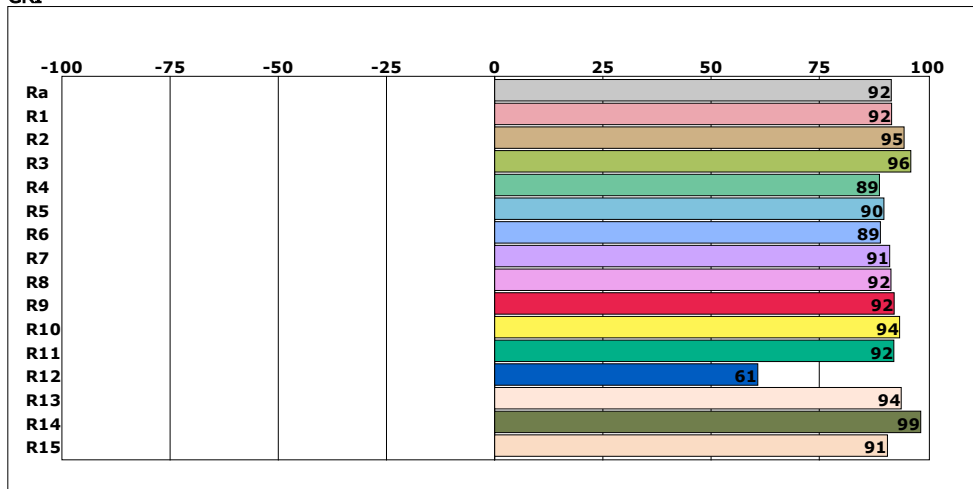
### Spectrogram



### CIE1976



### CRI



### Instrument Status

Type: OHSP-300

Integral Time: 362.500ms

SN: 202007134

VPeak: 51551

Scan Range: 380-780nm

VDark: 3242

Remark: