

BOEL-TRONIC[®]

ELECTRONIC & LIGHTING SOLUTIONS



FICHA TECNICA / DATASHEET

TIRA FLEXIBLE LED / FLEXIBLE LED STRIP

Made in Spain

Ref. **F2008K1224H**



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) | 12W/M |
| • Voltaje / Voltage (V) | 24Vdc/Vcc |
| • Color / Colour (°K) | ±10000K |
| • Lúmenes/m (Lm/m) | ± 990 |
| • Smd Led | 2835 |
| • Cri / Ra | ≥ 90 |
| • Ángulo / Angle (>) | 120° |
| • Protección / Protection (IP) | IP20 |
| • LPM | 120 |
| • Medidas / Measures (MM) | 5000 x 8 x 2.2 |
| • Corte / Cut (MM) | 50 |
| • Ancho / Width PCB (MM) | 8 |
| • 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 | 8436614471752 |
| • Fabricado en / Made in | España / Spain |



BOEL-TRONIC
F2008K1224H

A

B

C

D

E

F

G



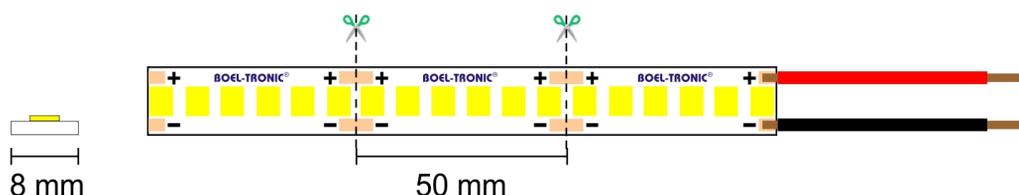
G

12

kWh/1000h



2019/2015



TEST CONTROL

Product Mark

Model:F2008K1224H

Temperature: 20°C

Tester: otecnica

Manufacture: 220923

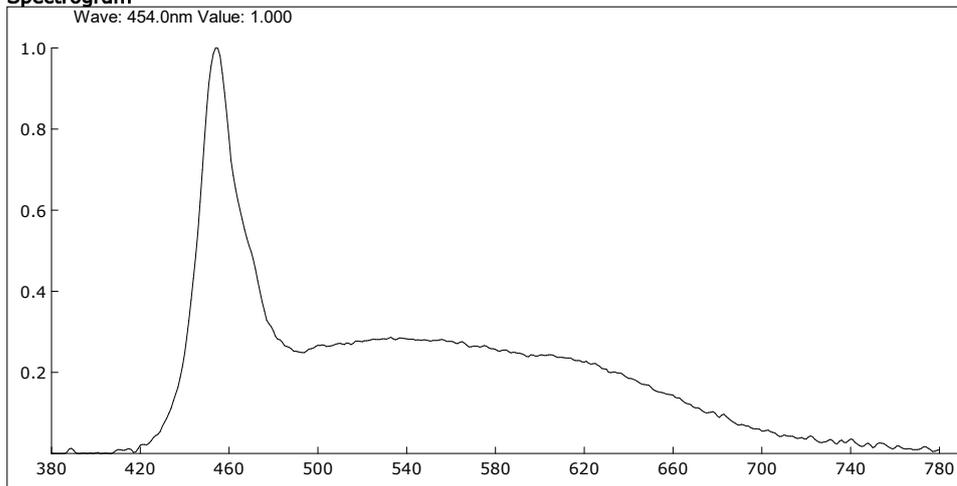
Humidity: 50%

Test Date: 2023-09-22,12:06:49

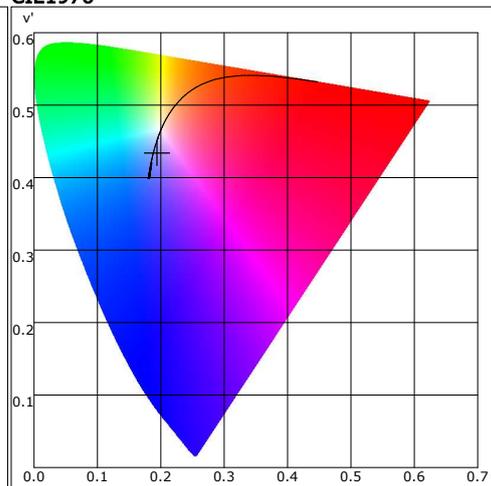
Parameter

| Name | Value | Name | Value | Name | Value | Name | Value |
|-------------------------|---------------|-------------------|---------------|------|-------|------|-------|
| E(lx) | 98.95 | Peak(nm) | 454.6 | | | | |
| Candle E(fc) | 9.20 | Center(nm) | 457.5 | | | | |
| CCT(K) | 10637 | Centroid(nm) | 537.4 | | | | |
| Duv | -0.00549 | Color Ratio(RGB) | 14.3,78.9,6.8 | | | | |
| x,y | 0.2809,0.2784 | CIE1931 X | 146.145 | | | | |
| u,v | 0.1944,0.2891 | CIE1931 Y | 144.883 | | | | |
| u',v' | 0.1944,0.4336 | CIE1931 Z | 229.331 | | | | |
| SDCM | 30.43 | Integral Time(ms) | 406 | | | | |
| Ra | 91.3 | Peak Signal | 52480 | | | | |
| Ee(mW/cm ²) | 0.389 | Dark Signal | 3057 | | | | |
| S/P | 2.852 | Compensate level | 3003 | | | | |
| Dominant(nm) | 476.10 | | | | | | |
| Purity(%) | 23.1 | | | | | | |
| HalfWidth(nm) | 24.6 | | | | | | |

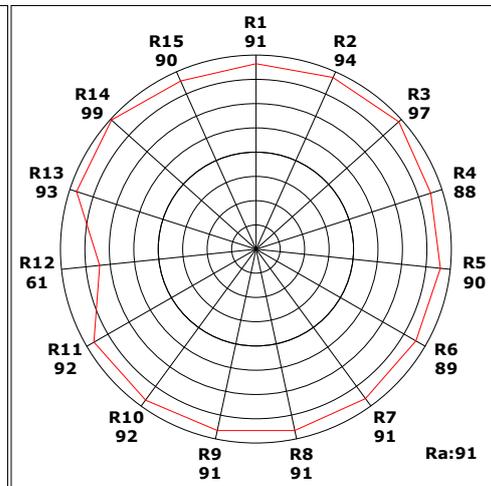
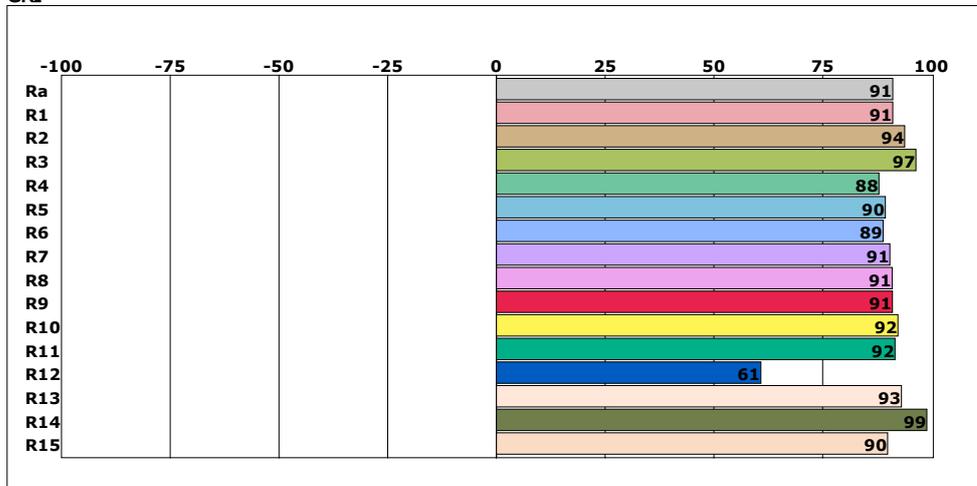
Spectrogram



CIE1976



CRI



Instrument Status

Type: OHSP-300

Integral Time: 406.000ms

SN: 202007134

VPeak: 52480

Scan Range: 380-780nm

VDark: 3057

Remark: