

BOEL-TRONIC®

ELECTRONIC & LIGHTING SOLUTIONS



FICHA TECNICA / DATASHEET

TIRA FLEXIBLE LED / FLEXIBLE LED STRIP

Made in Spain

Ref. **F2008K1224K**



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)	± 12500
• Lúmenes/m (Lm/m)	± 1020
• 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	8436614471769
• Fabricado en / Made in	España / Spain



BOEL-TRONIC
F2008K1224K

A

B

C

D

E

F

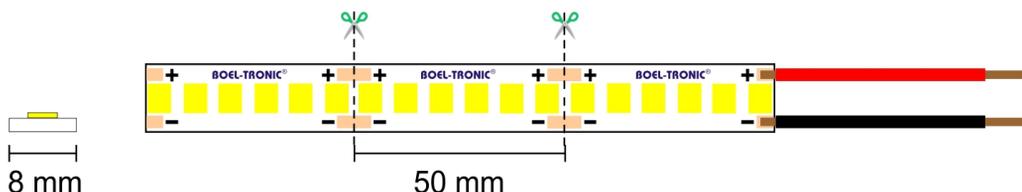
G

G

12
kWh/1000h



2019/2015



TEST CONTROL

Product Mark

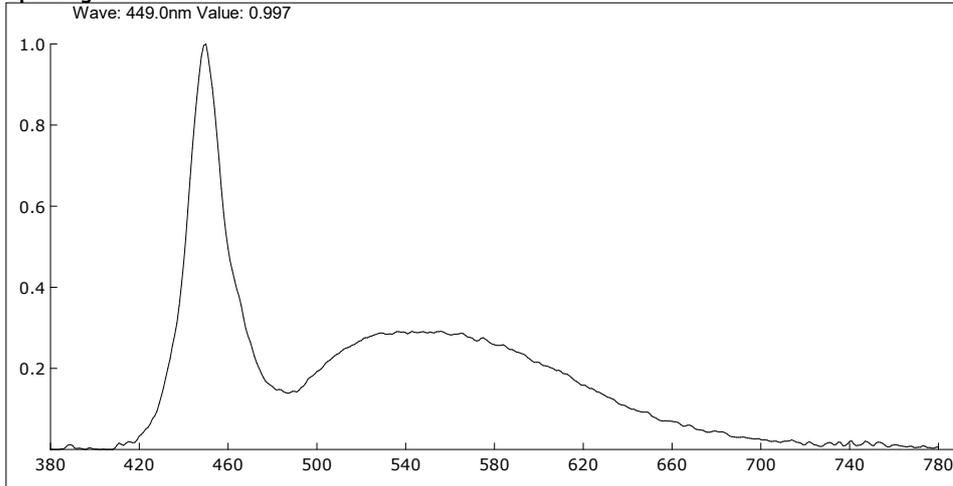
Model:F2008K1224K
Temperature: 20°C
Tester: otecnica

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

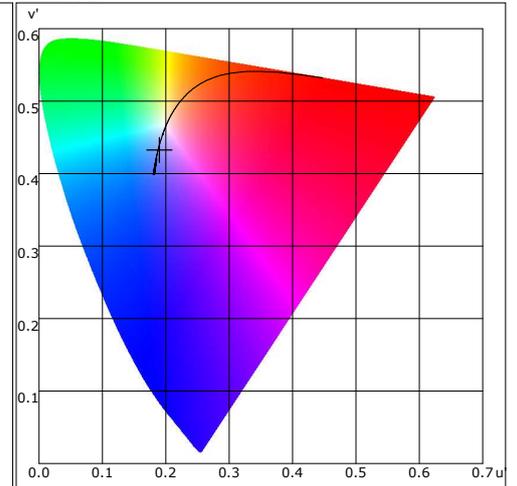
Parameter

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						

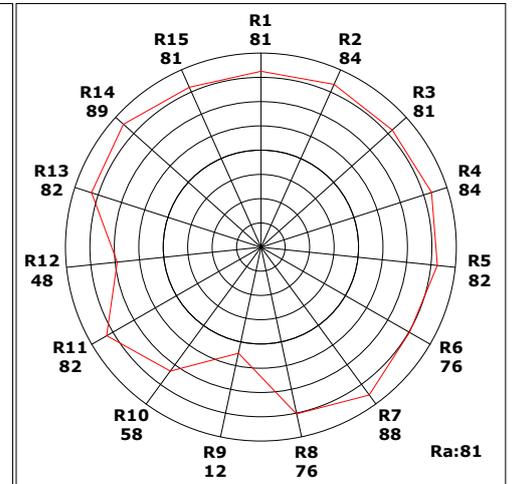
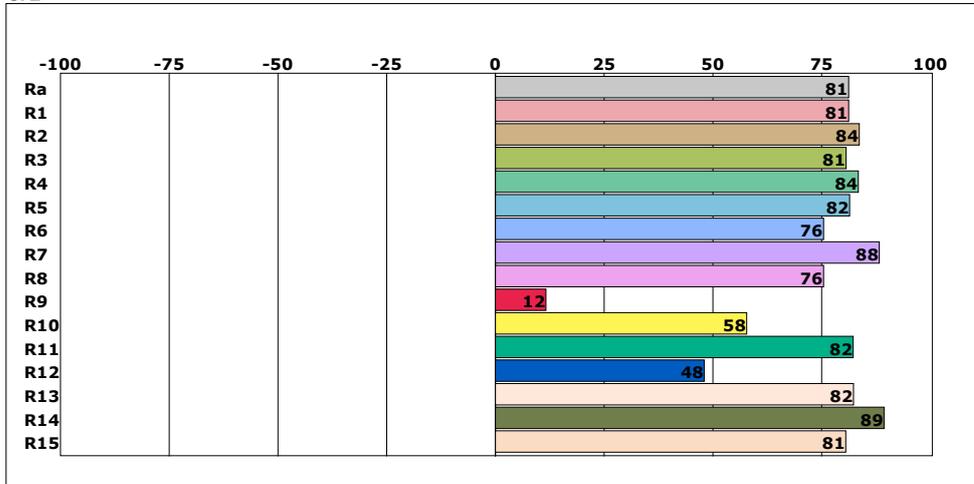
Spectrogram



CIE1976



CRI



Instrument Status

Type: OHSP-300
Integral Time: 378.700ms

SN: 202007134
VPeak: 53120

Scan Range: 380-780nm
VDark: 3166

Remark: