

BOEL-TRONIC[®]

ELECTRONIC & LIGHTING SOLUTIONS



FICHA TECNICA / DATASHEET

TIRA FLEXIBLE LED / FLEXIBLE LED STRIP

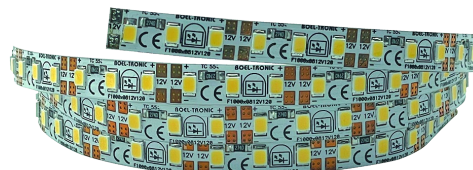
Made in Spain

Ref. **F2008K1012G**



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)	9.6W/M
• Voltaje / Voltage (V)	12Vdc/Vcc
• Color / Colour (°K)	± 7000K
• Lúmenes/m (Lm/m)	± 815
• 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)	25
• 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	8436614471028
• Fabricado en / Made in	España / Spain



BOEL-TRONIC
F2008K1012G

A

B

C

D


E

F

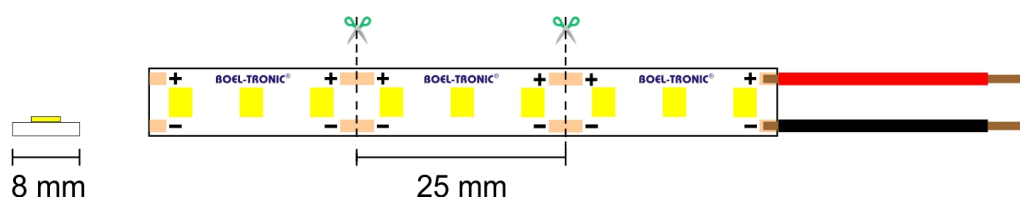
G

G

10
kWh/1000h



2019/2015



TEST CONTROL

Product Mark

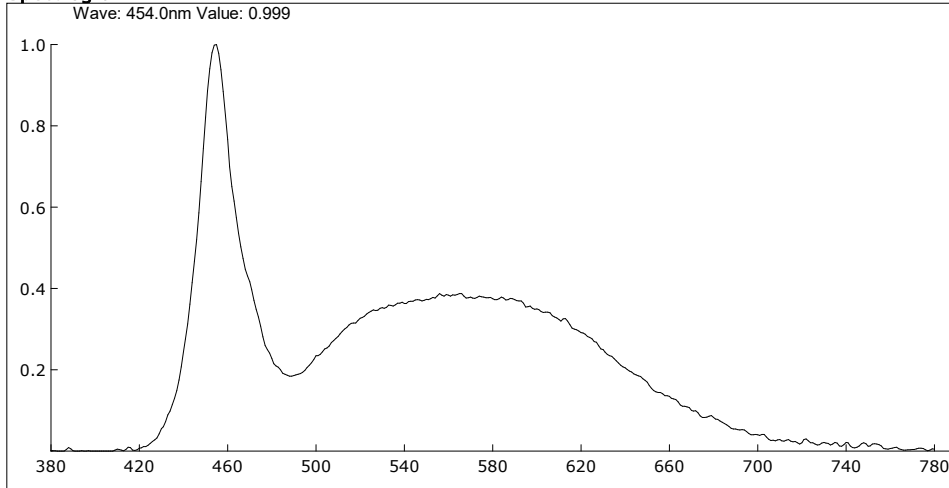
Model:F2008K1012G
Temperature: 20°C
Tester: otecnica

Manufacture: 210923
Humidity: 50%
Test Date: 2023-09-21,13:26:03

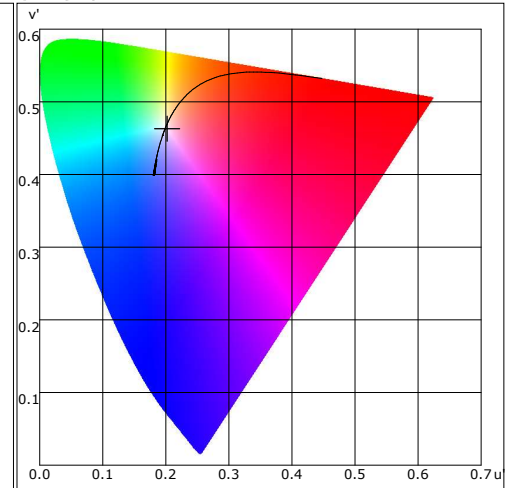
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	82.54	Peak(nm)	454.6				
Candle E(fc)	7.67	Center(nm)	455.9				
CCT(K)	6531	Centroid(nm)	541.9				
Duv	-0.00270	Color Ratio(RGB)	14.4,80.9,4.6				
x,y	0.3137,0.3187	CIE1931 X	118.932				
u,v	0.2025,0.3086	CIE1931 Y	120.842				
u',v'	0.2025,0.4629	CIE1931 Z	139.347				
SDCM	12.68	Integral Time(ms)	469				
Ra	86.1	Peak Signal	40256				
Ee(mW/cm²)	0.274	Dark Signal	3000				
S/P	2.277	Compensate level	3018				
Dominant(nm)	481.40						
Purity(%)	7.9						
HalfWidth(nm)	20.8						

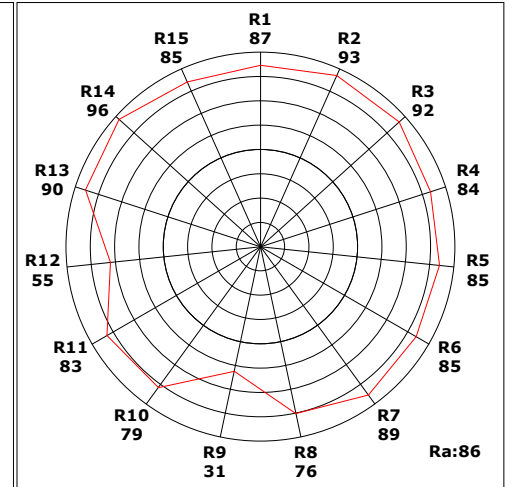
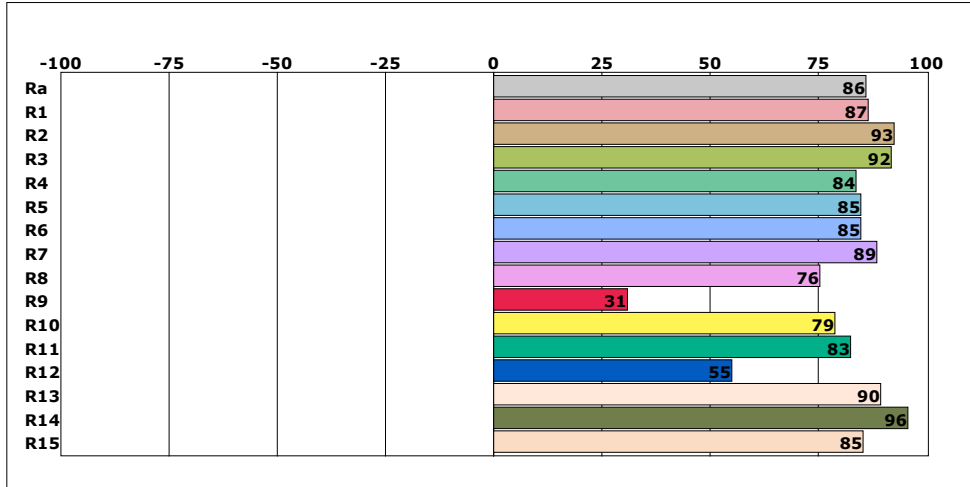
Spectrogram



CIE1976



CRI



Instrument Status

Type: OHSP-300
Integral Time: 469.000ms

SN: 202007134
VPeak: 40256

Scan Range: 380-780nm
VDark: 3000

Remark: