

BOEL-TRONIC[®]

ELECTRONIC & LIGHTING SOLUTIONS



FICHA TECNICA / DATASHEET

TIRA FLEXIBLE LED / FLEXIBLE LED STRIP

Made in Spain

Ref. **F2008K1424N**

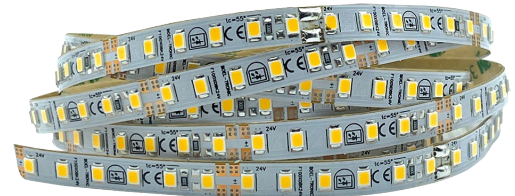


Tira flexible IP20 con 120 leds/metro SMD2835
PCB 8mm

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) | 14W/M |
| • Voltaje / Voltage (V) | 24Vdc/Vcc |
| • Color / Colour (°K) | ± 4000K |
| • Lúmenes/m (Lm/m) | ± 1390 |
| • 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 | F |
| • Embalaje / Packaging | 1pc |
| • Garantía / Guarantee | 3 años / Years |
| • EAN | 8436614472209 |
| • Fabricado en / Made in | España / Spain |



BOEL-TRONIC
F2008K1424N

A

B

C

D


E

F

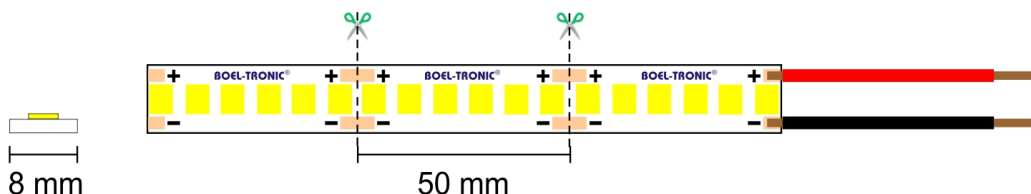
G

F

14
kWh/1000h



2019/2015



TEST CONTROL

Product Mark

Model:F2005K1424N

Temperature: 20°C

Tester: otecnica

Manufacture: 220923

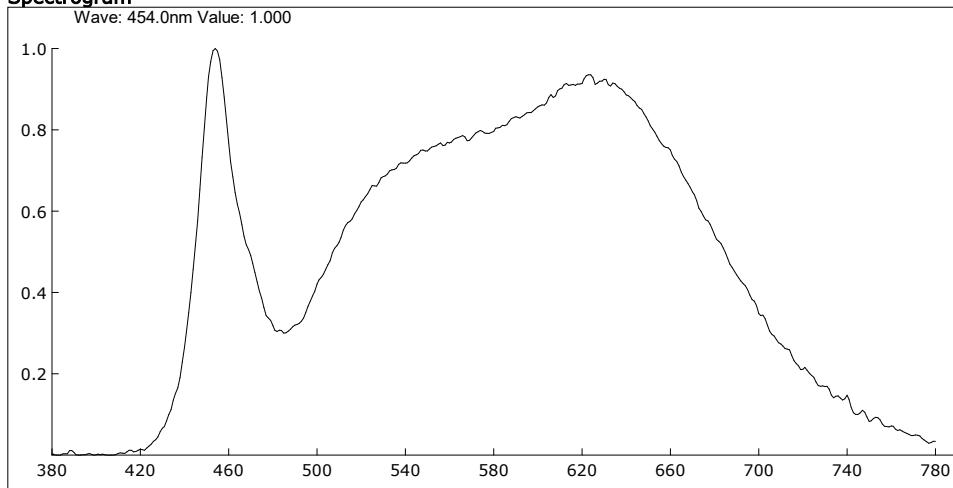
Humidity: 50%

Test Date: 2023-10-09,07:25:22

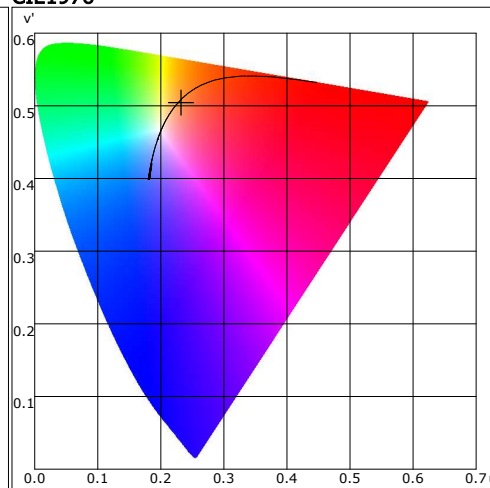
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	110.17	Peak(nm)	453.5				
Candle E(fc)	10.24	Center(nm)	457.2				
CCT(K)	3698	Centroid(nm)	583.9				
Duv	-0.00238	Color Ratio(RGB)	21.1,76.3,2.6				
x,y	0.3926,0.3788	CIE1931 X	167.193				
u,v	0.2323,0.3362	CIE1931 Y	161.302				
u',v'	0.2323,0.5043	CIE1931 Z	97.341				
SDCM	7.75	Integral Time(ms)	672				
Ra	94.3	Peak Signal	40511				
Ee(mW/cm ²)	0.392	Dark Signal	3085				
S/P	1.686	Compensate level	3025				
Dominant(nm)	581.40						
Purity(%)	31.5						
HalfWidth(nm)	25.3						

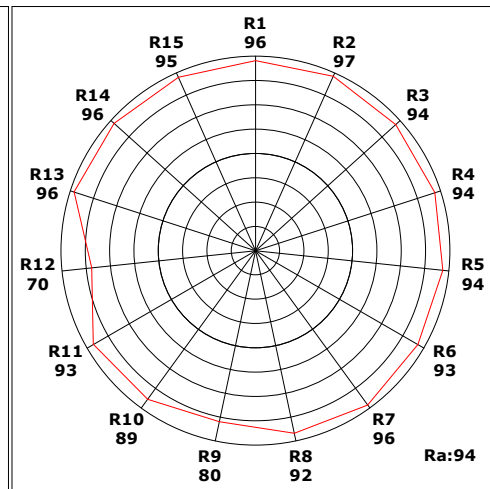
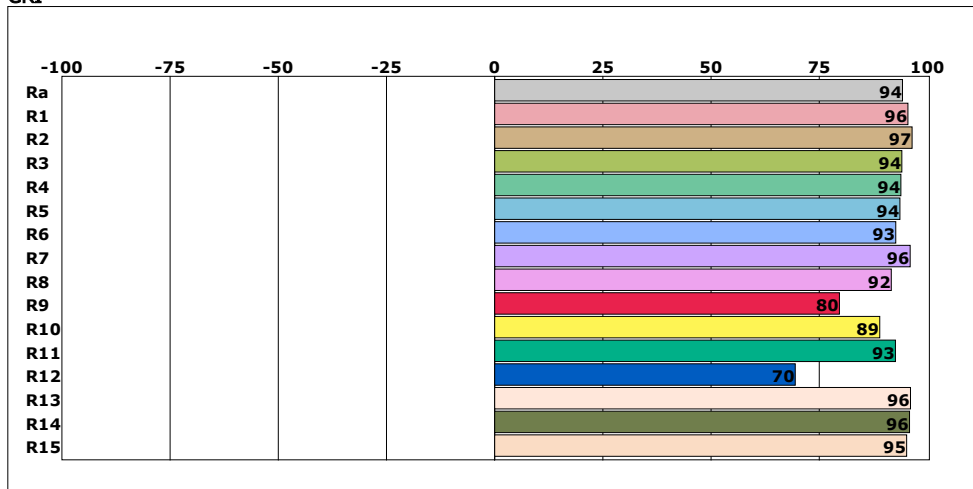
Spectrogram



CIE1976



CRI



Instrument Status

Type: OHSP-300

Integral Time: 671.700ms

SN: 202007134

VPeak: 40511

Scan Range: 380-780nm

VDark: 3085

Remark: