

BOEL-TRONIC®

ELECTRONIC & LIGHTING SOLUTIONS



FICHA TECNICA / DATASHEET

TIRA RÍGIDA LED / RIGID LED STRIP

Made in Spain

Ref. **R120008K1224N**



Tira rígida 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 rigid 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)	±4000K
• Lúmenes/m (Lm/m)	± 1280
• Smd Led	2835
• Cri / Ra	≥ 90
• Ángulo / Angle (>)	120º
• Protección / Protection (IP)	IP20
• LPM	120
• Medidas / Measures (MM)	1200 x 8 x 2.2
• Corte / Cut (MM)	50
• Ancho / Width PCB (MM)	8
• Temperatura trabajo / Working temperature	-20ºC / +40ºC
• Uso / Use	Interior / Indoor
• Regulable / Dimmable	Si / Yes
• Clasificación Energética / Energy Classification	F
• Embalaje / Packaging	1pc
• Garantía / Guarantee	3 años / Years
• EAN	8436614473169
• Fabricado en / Made in	España / Spain

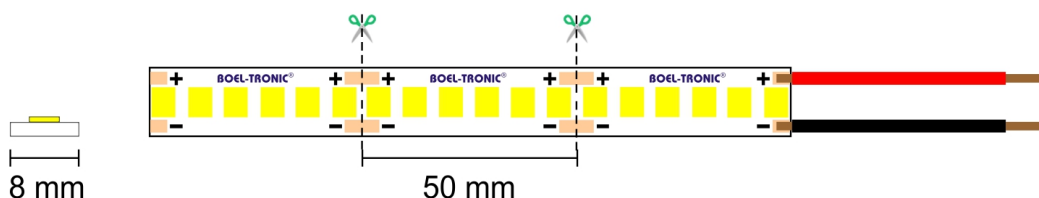
BOEL-TRONIC
R120008K1224N

A	▶
B	▶
C	▶
D	▶
E	▶
F	▶
G	▶

F

12
kWh/1000h

2019/2015



TEST CONTROL

Product Mark

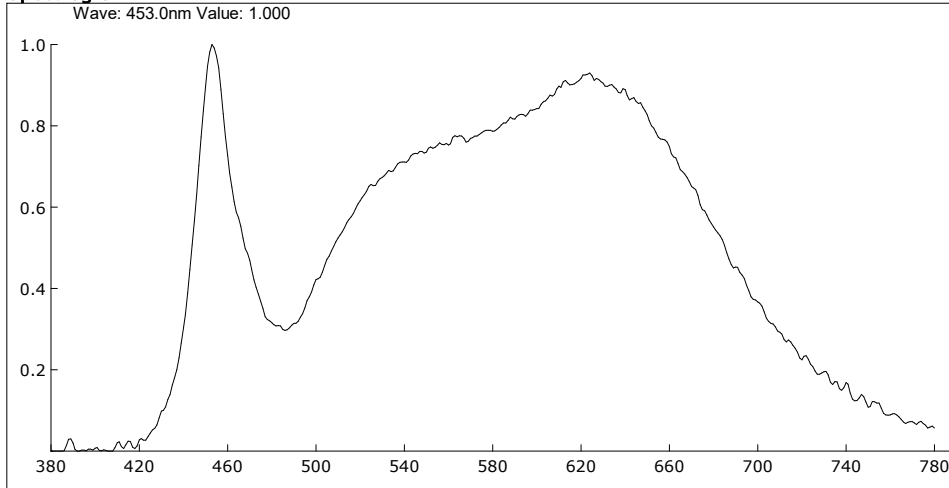
Model: R120008K1224N
Temperature: 20°C
Tester: otecnica

Manufacture: 220923
Humidity: 50%
Test Date: 2023-09-22,11:08:43

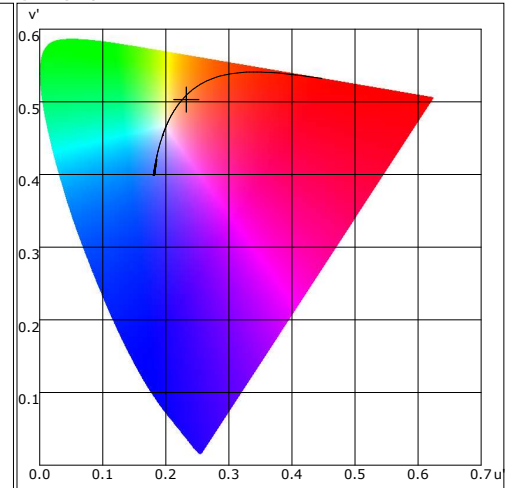
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	102.67	Peak(nm)	452.8				
Candle E(fc)	9.54	Center(nm)	456.0				
CCT(K)	3703	Centroid(nm)	585.1				
Duv	-0.00334	Color Ratio(RGB)	21.2,76.2,2.6				
x,y	0.3916,0.3761	CIE1931 X	156.494				
u,v	0.2327,0.3353	CIE1931 Y	150.327				
u',v'	0.2327,0.5030	CIE1931 Z	92.846				
SDCM	8.41	Integral Time(ms)	901				
Ra	94.7	Peak Signal	50367				
Ee(mW/cm ²)	0.372	Dark Signal	3203				
S/P	1.690	Compensate level	3003				
Dominant(nm)	581.90						
Purity(%)	30.4						
HalfWidth(nm)	24.3						

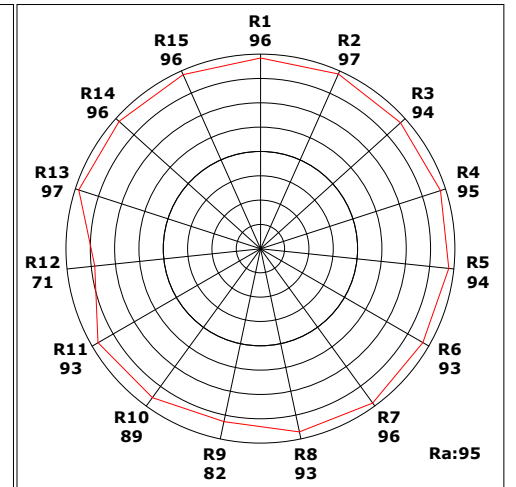
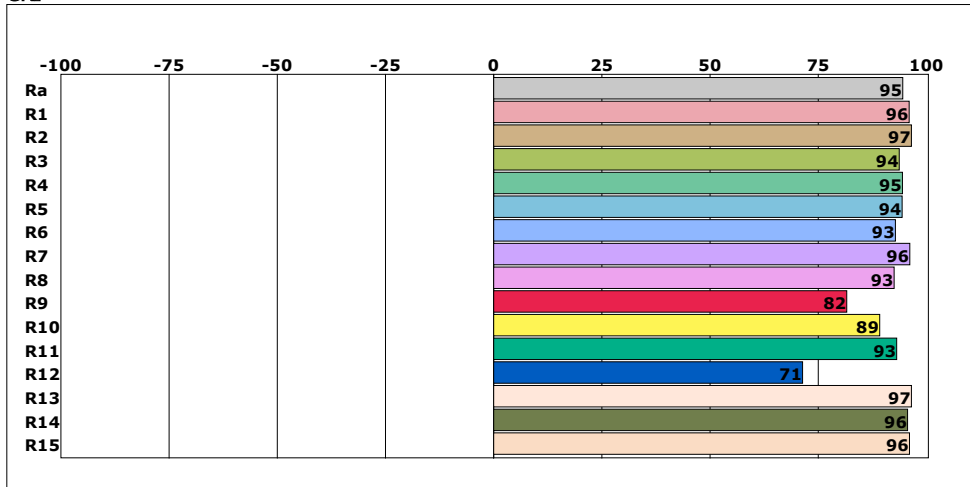
Spectrogram



CIE1976



CRI



Instrument Status

Type: OHSP-300
Integral Time: 900.800ms

SN: 202007134
VPeak: 50367

Scan Range: 380-780nm
VDark: 3203

Remark: