

BOEL-TRONIC[®]

ELECTRONIC & LIGHTING SOLUTIONS



FICHA TECNICA / DATASHEET

TIRA RÍGIDA LED / RIGID LED STRIP

Made in Spain

Ref. **R120008K1224C** 



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)	±3000K
• Lúmenes/m (Lm/m)	±945
• Smd Led	2835
• Cri / Ra	≥90
• Ángulo / Angle (>)	120°
• 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	-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	8436614473152
• Fabricado en / Made in	España / Spain



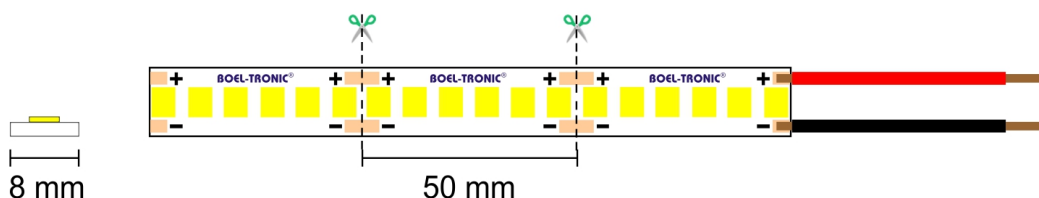
BOEL-TRONIC
R120008K1224C

A
B
C
D
E
F
G

12
kWh/1000h



2019/2015



TEST CONTROL

Product Mark

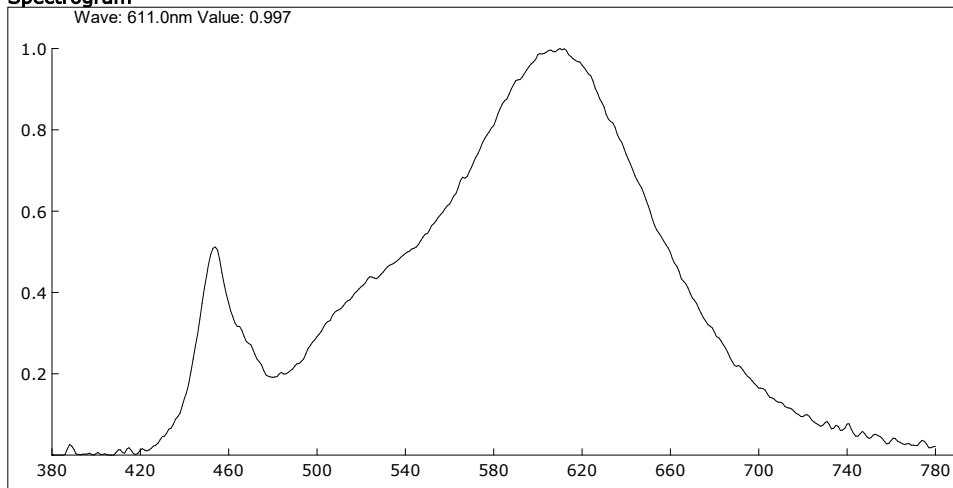
Model: R120008K1224C
Temperature: 20°C
Tester: otecnica

Manufacture: 220923
Humidity: 50%
Test Date: 2023-09-22,10:55:06

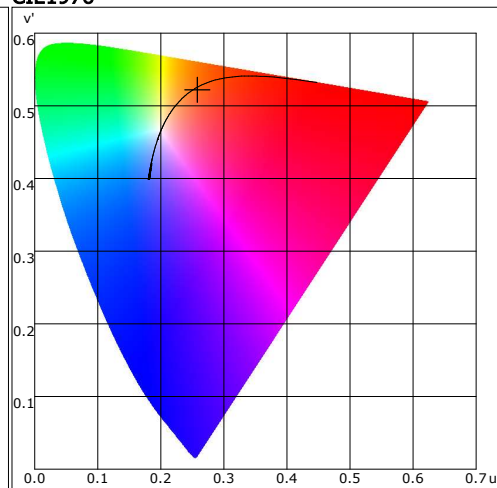
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	136.79	Peak(nm)	612.1				
Candle E(fc)	12.71	Center(nm)	600.7				
CCT(K)	2815	Centroid(nm)	586.6				
Duv	-0.00222	Color Ratio(RGB)	24.7,73.6,1.7				
x,y	0.4472,0.4016	CIE1931 X	223.004				
u,v	0.2583,0.3480	CIE1931 Y	200.281				
u',v'	0.2583,0.5219	CIE1931 Z	75.415				
SDCM	4.95	Integral Time(ms)	580				
Ra	84.1	Peak Signal	54495				
Ee(mW/cm²)	0.430	Dark Signal	3549				
S/P	1.307	Compensate level	3013				
Dominant(nm)	584.40						
Purity(%)	54.8						
HalfWidth(nm)	118.4						

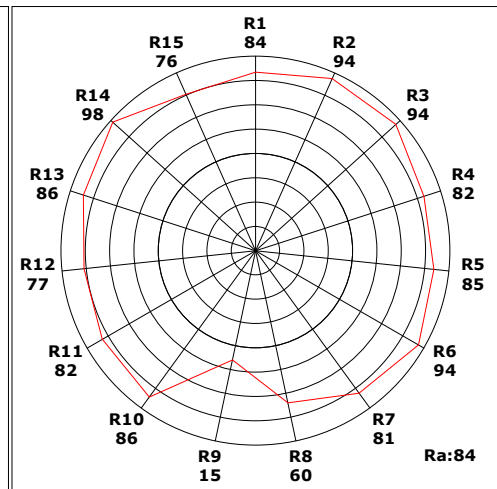
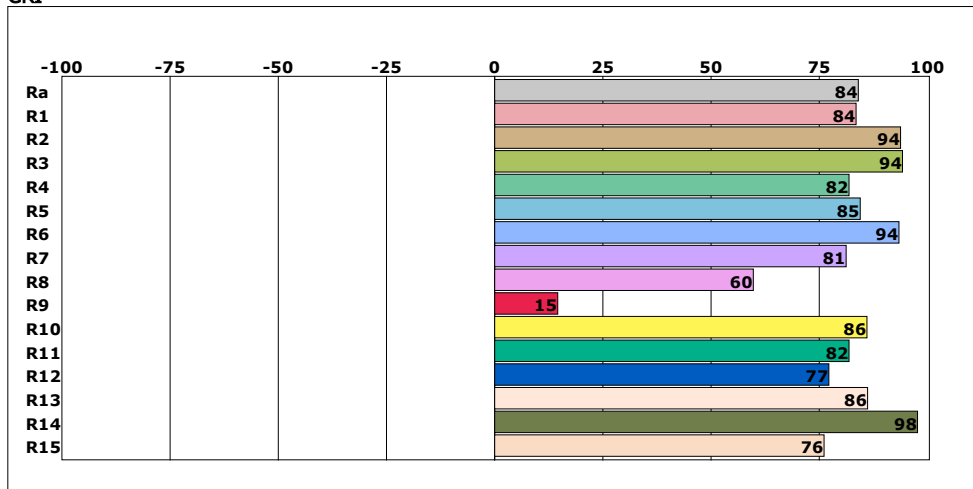
Spectrogram



CIE1976



CRI



Instrument Status

Type: OHSP-300
Integral Time: 579.900ms

SN: 202007134
VPeak: 54495

Scan Range: 380-780nm
VDark: 3549

Remark: