BOEL-TRONIC®
ELECTRONIC & LIGHTING SOLUTIONS

FICHA TECNICA / *DATASHEET*

TIRA RÍGIDA LED / *RIGID LED STRIP*

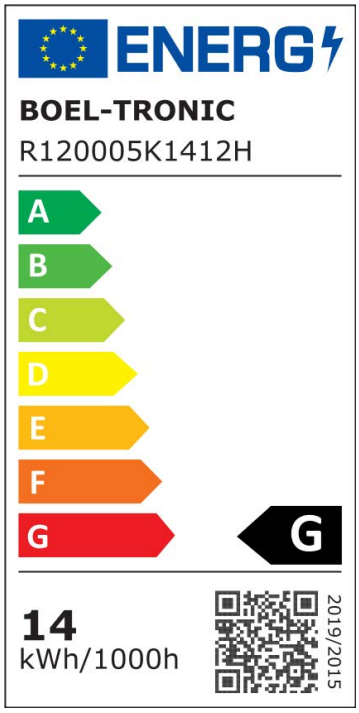
Made in Spain

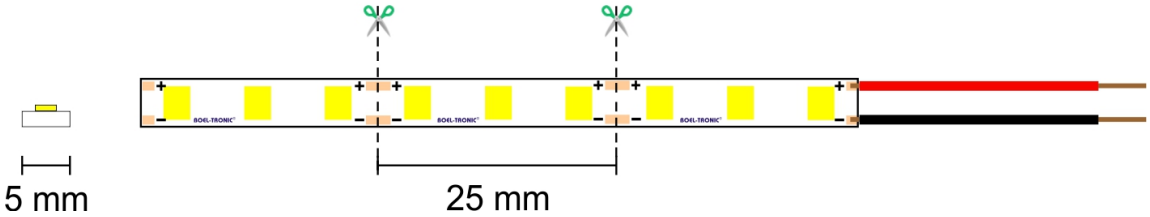
Ref. **R120005K1412H**

Tira rígida IP20 con 120 leds/metro SMD2835
PCB 8mm
Uso diário 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) — **14W/M**
- Voltaje / *Voltage* (V) — **12Vdc/Vcc**
- Color / *Colour* (ºK) — **±10000K**
- Lúmenes/m (Lm/m) — **± 1000**
- Smd Led — **2835**
- Cri / Ra — **≥90**
- Ángulo / *Angle* (>) — **120º**
- Protección / *Protection* (IP) — **IP20**
- LPM — **120**
- Medidas / *Measures* (MM) — **1200 x 5 x 2.2**
- Corte / *Cut* (MM) — **25**
- Ancho / *Width* PCB (MM) — **5**
- Temperatura trabajo / *Working temperature* — **-20ºC / +40ºC**
- Uso / *Use* — **Interior / *Indoor***
- Regulable / *Dimmable* — **Si / *Yes***
- Clasificación Energética / *Energy Classification* — **G**
- Embalaje / *Packaging* — **1pc**
- Garantía / *Guarantee* — **3 años / *Years***
- EAN — **8436614473558**
- Fabricado en / *Made in* — **España / *Spain***





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TEST CONTROL

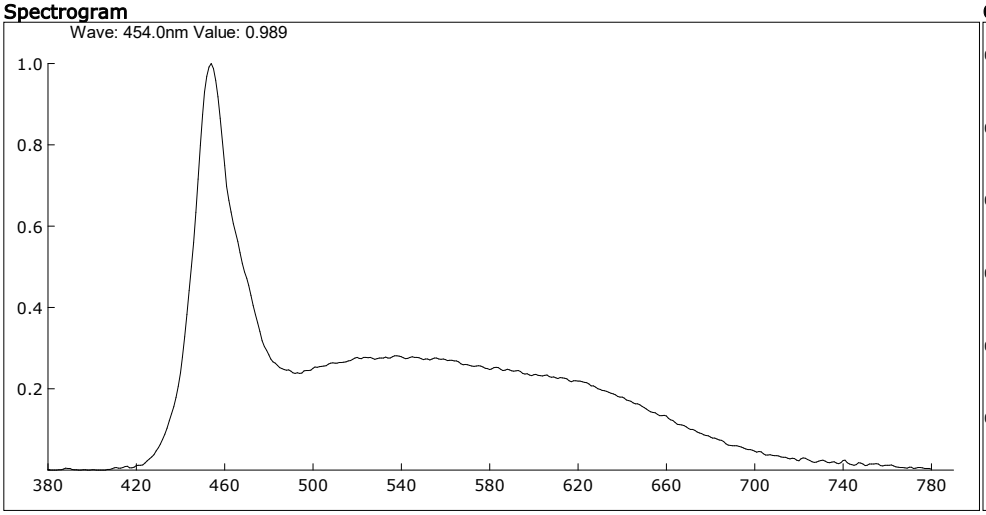
Product Mark

Model:R120005K1412H
Manufacture: 210923
Temperature: 20°C
Humidity: 50%
Tester: otecnica
Test Date: 2023-09-21,13:51:37

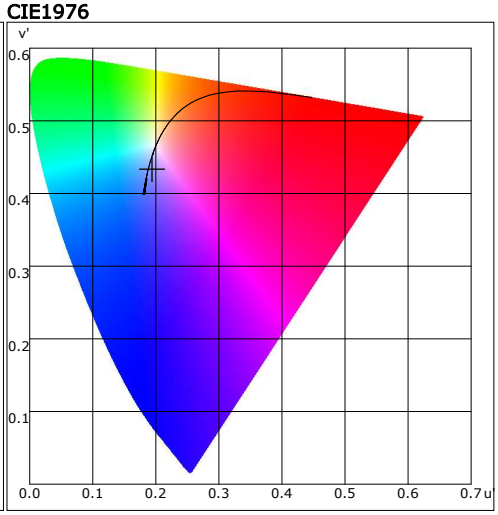
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	99.48	Peak(nm)	453.9				
Candle E(fc)	9.25	Center(nm)	456.8				
CCT(K)	10775	Centroid(nm)	534.8				
Duv	-0.00520	Color Ratio(RGB)	14.0,79.2,6.8				
x,y	0.2800,0.2780	CIE1931 X	146.721				
u,v	0.1939,0.2888	CIE1931 Y	145.655				
u',v'	0.1939,0.4332	CIE1931 Z	231.575				
SDCM	30.75	Integral Time(ms)	340				
Ra	91.3	Peak Signal	45503				
Ee(mW/cm²)	0.385	Dark Signal	3052				
S/P	2.846	Compensate level	3018				
Dominant(nm)	476.30						
Purity(%)	23.4						
HalfWidth(nm)	24.0						

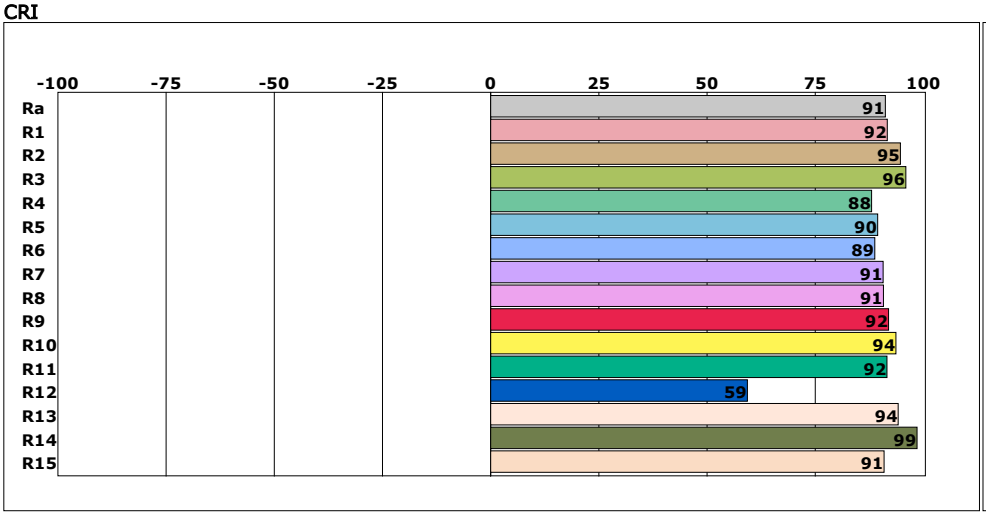
Spectrogram

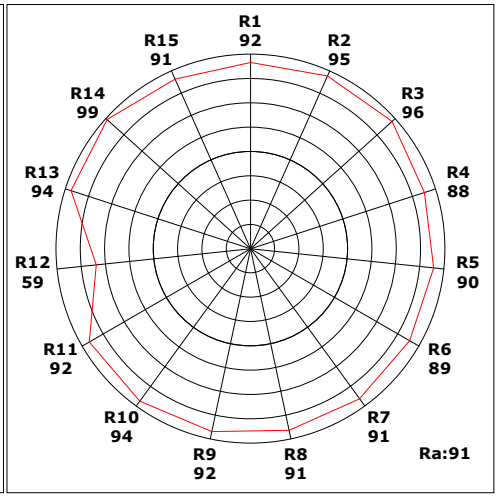


CIE1976



CRI





Instrument Status

Type: OHSP-300
SN: 202007134
Scan Range: 380-780nm
Integral Time: 339.600ms
VPeak: 45503
VDark: 3052

Remark: