



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP
Product No. : B1552-5K
Manufacturer : BLED

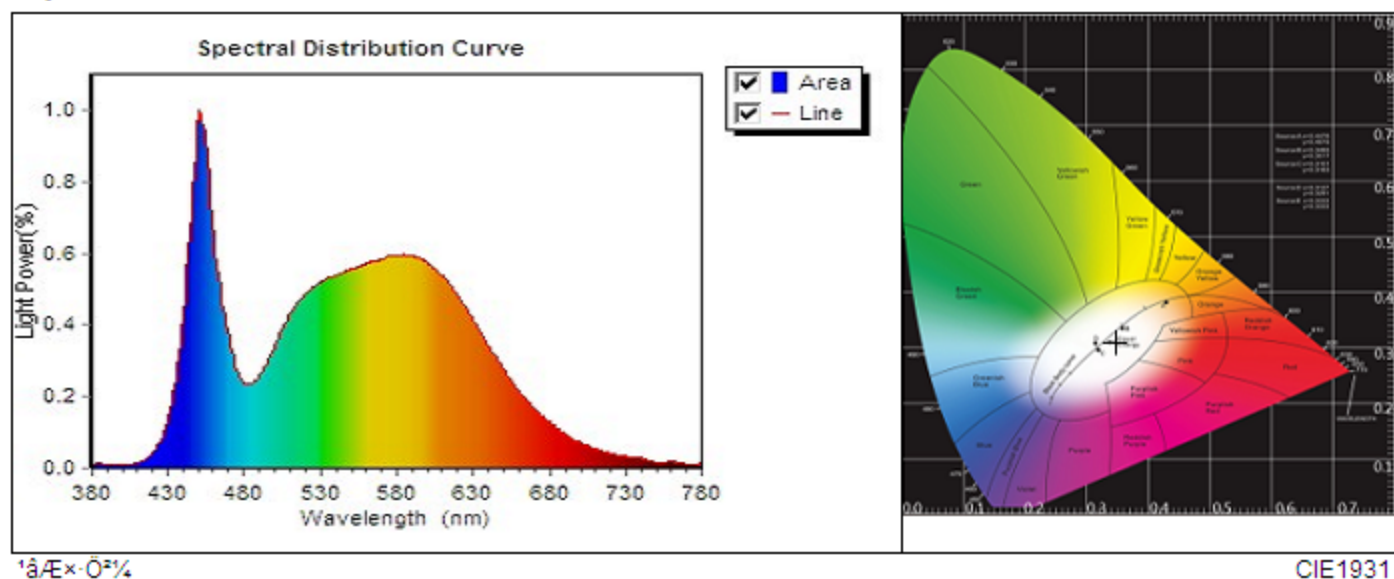
Test date. : 2023-04-21
Test equipment : SPEC2000A Spectrometer
Operator. : -

Test Condition

Temperature : 25.0Deg C
Test range : 380nm-780nm

Humidity : 65%
Peak AD. : 48856 (74.5%)
Integral time. : 31ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3427$ $y=0.3508$ $u=0.2101$ $v=0.3226$ ($duv=0.0006$)
Color temperature: $TC=5092$ K Color difference: $SDCM=2.8$ Main Wavelength: $\lambda_d=483.1$ nm Purity: $Purity=0.272$
Peak wavelength: $\lambda_p=451.5$ nm FWHM: $\Delta\lambda_p=22.6$ nm Color ratio: $R=17.04\%$ $G=78.80\%$ $B=4.15\%$

Color rendering index (Ra): $Ra=83.3$

$R1=82.5$ $R2=88.6$ $R3=91.7$ $R4=83.2$ $R5=83.0$ $R6=83.3$ $R7=86.2$ $R8=68.0$
 $R9=10.9$ $R10=71.9$ $R11=82.4$ $R12=63.2$ $R13=84.5$ $R14=95.5$ $R15=78.0$

Optical Parameter

Luminous flux: 186.284 lm Luminous efficiency: 123.2 lm/w Radiant flux: 0.5868 W

Electrical Parameter

Voltage: 24.0 V Current: 0.063 A Watto: 1.512 W Power factor: 1.000

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>