



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED STRIP
Product No. : B1653-270
Manufacturer : BLED

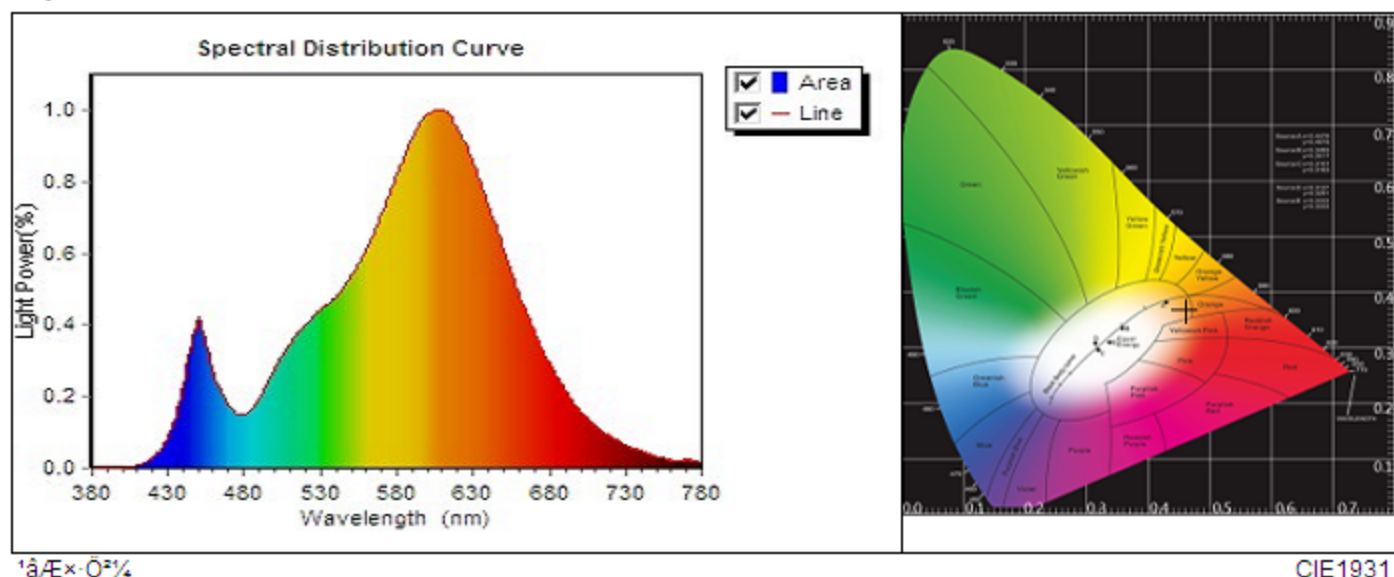
Test date. : 2023-08-03
Test equipment: SPEC2000A Spectrometer
Operator. : WL-20230402002

Test Condition

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

Humidity : 65%
Peak AD. : 34243 (52.3%)
Integral time. : 34ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4534$ $y=0.4037$ $u=0.2614$ $v=0.3491$ ($duv=-0.0020$)
Color temperature: $TC=2738$ K Color difference: $SDCM=7.4$ Main Wavelength: $\lambda_d=496.93$ nm Purity: $Purity=0.016$
Peak wavelength: $\lambda_p=608.3$ nm FWHM: $\lambda_p=114.7$ nm Color ratio: $R=26.90\%$ $G=71.10\%$ $B=2.00\%$

Color rendering index (Ra): $Ra=82.9$

$R1=81.8$ $R2=92.0$ $R3=95.3$ $R4=81.2$ $R5=82.4$ $R6=91.3$ $R7=81.2$ $R8=57.8$
 $R9=8.7$ $R10=82.4$ $R11=81.6$ $R12=78.6$ $R13=85.0$ $R14=98.2$ $R15=74.1$

Optical Parameter

Luminous flux: 120.112 lm luminous efficiency: 96.24 lm/w Radiant flux: 0.3738 W

Electrical Parameter

Voltage: 23.99 V Current: 0.052 A Watte: 1.248 W Power factor: 1.000

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