



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED 230V
Product No. : B1535-BF
Manufacturer : BLED

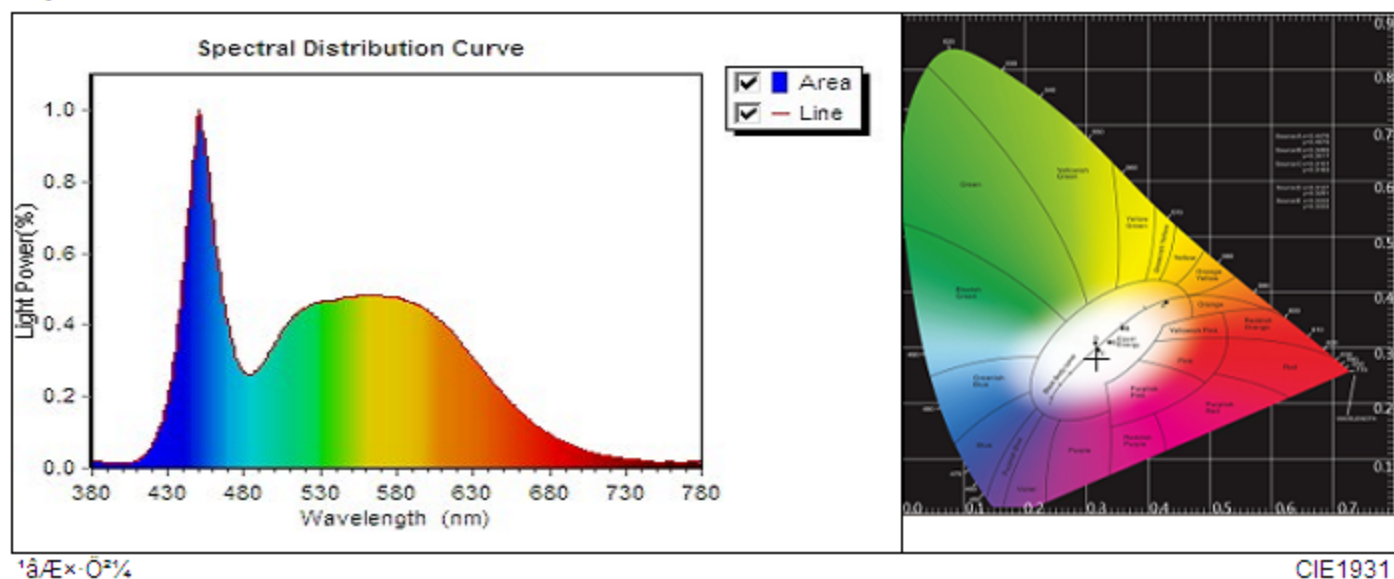
Test date. : 2020-07-24
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 46966 (71.7%)
Integral time. : 29ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3129$ $y=0.3241$ $u=0.1998$ $v=0.3105$ ($duv=0.0006$)
Color temperature: $TC=6534$ K Color difference: $SDCM=3.7$ Main Wavelength: $\lambda_d=482.03$ nm Purity: $Purity=0.358$
Peak wavelength: $\lambda_p=450.7$ nm FWHM: $\Delta\lambda_p=26.1$ nm Color ratio: $R=15.19\%$ $G=79.53\%$ $B=5.28\%$

Color rendering index (Ra): $Ra=85.8$

$R1=85.3$ $R2=89.5$ $R3=90.8$ $R4=86.7$ $R5=85.7$ $R6=84.0$ $R7=89.2$ $R8=74.8$
 $R9=22.2$ $R10=73.6$ $R11=86.4$ $R12=63.7$ $R13=86.9$ $R14=95.1$ $R15=82.0$

Optical Parameter

Luminous flux: 158.259 lm Luminous efficiency: 113.04 lm/w Radiant flux: 0.5291 W

Electrical Parameter

Voltage: 230.7 V Current: 0.007 A Watts: 1.40 W Power factor: 0.767

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