



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LINEAL LED
Product No. : B8550-BN-60
Manufacturer : BLED

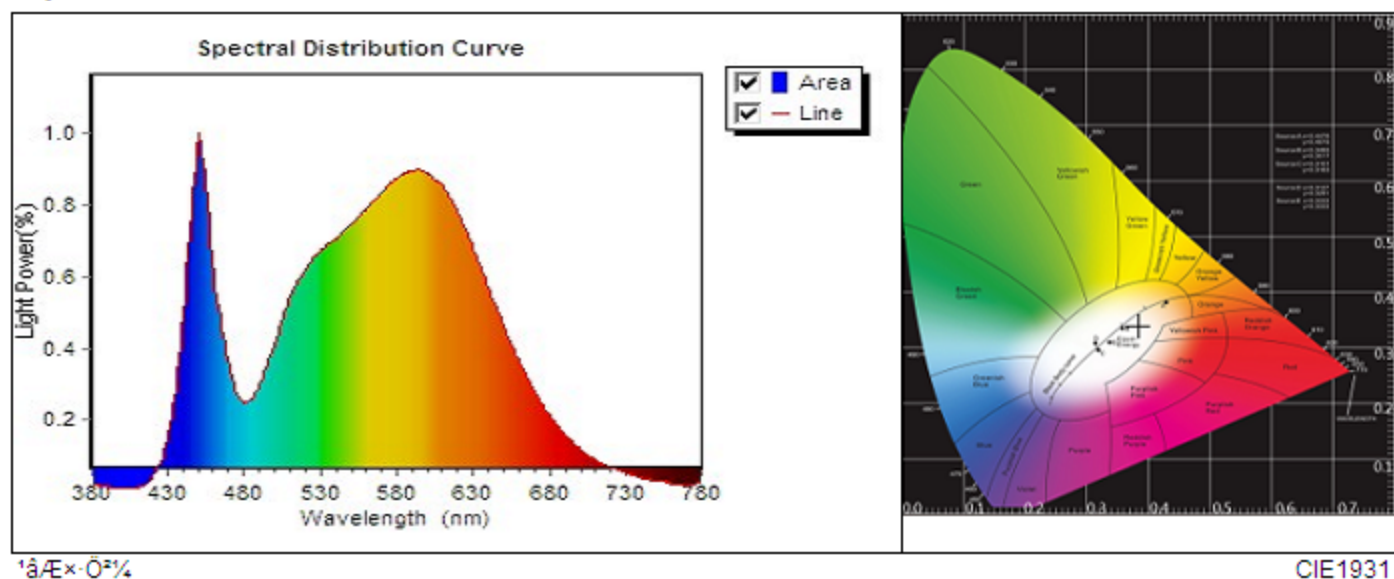
Test date. : 2021-02-11
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 56607 (86.4%)
Integral time. : 219ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3785$ $y=0.3782$ $u=0.2233$ $v=0.3346$ ($duv=0.0012$)
Color temperature: $TC=4064$ K Color difference: $SDCM=0.8$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.174$
Peak wavelength: $\lambda_p=450.6$ nm FWHM: $\Delta\lambda_p=22.8$ nm Color ratio: $R=19.48\%$ $G=77.39\%$ $B=3.14\%$

Color rendering index (Ra): $Ra=82.5$

$R1=80.8$ $R2=87.8$ $R3=93.3$ $R4=82.0$ $R5=80.6$ $R6=82.9$ $R7=86.8$ $R8=65.5$
 $R9=8.6$ $R10=70.9$ $R11=80.6$ $R12=59.5$ $R13=83.0$ $R14=96.2$ $R15=75.0$

Optical Parameter

Luminous flux: 1535.313 lm luminous efficiency: 90.85 lm/w Radiant flux: 4.6706 W

Electrical Parameter

Voltage: 230.1 V Current: 0.122 A Watts: 16.90 W Power factor: 0.596

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