



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED GU10 MODULE
Product No. : B1355-BC
Manufacturer : BLED

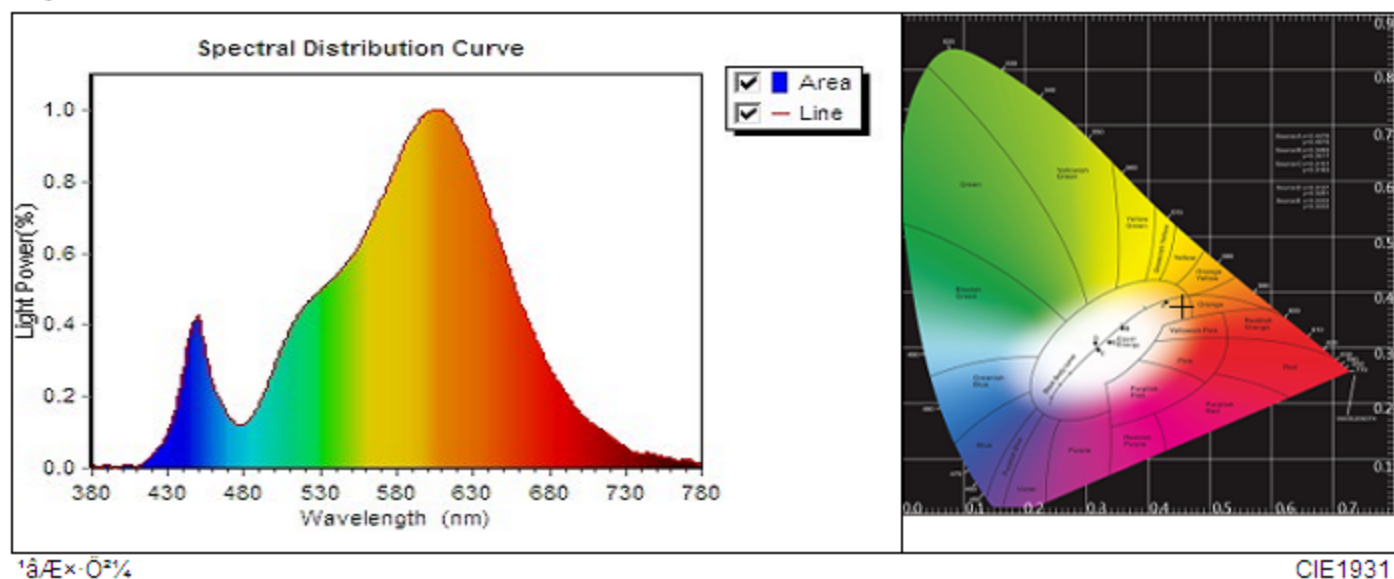
Test date. : 2024-12-27
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49476 (75.5%)
Integral time. : 567ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4492$ $y=0.4116$ $u=0.2552$ $v=0.3508$ ($duv=0.0014$)
Color temperature: $TC=2864$ K Color difference: $SDCM=4.8$ Main Wavelength: $\lambda_d=565.02$ nm Purity: $Purity=0.026$
Peak wavelength: $\lambda_p=606.6$ nm FWHM: $\Delta\lambda_p=127.2$ nm Color ratio: $R=25.52\%$ $G=72.72\%$ $B=1.75\%$

Color rendering index (Ra): $Ra=82.3$

$R1=80.3$ $R2=89.0$ $R3=97.1$ $R4=81.7$ $R5=80.3$ $R6=86.8$ $R7=83.6$ $R8=58.9$
 $R9=5.9$ $R10=75.4$ $R11=81.7$ $R12=70.0$ $R13=82.8$ $R14=98.4$ $R15=72.4$

Optical Parameter

Luminous flux: 491.933 lm luminous efficiency: 100.39 lm/w Radiant flux: 1.4908 W

Electrical Parameter

Voltage: 230.4 V Current: 0.040 A Watts: 4.90 W Power factor: 0.526

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