



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED GU10
Product No. : BSC1-PAR16GU10-36-BF
Manufacturer : BLED

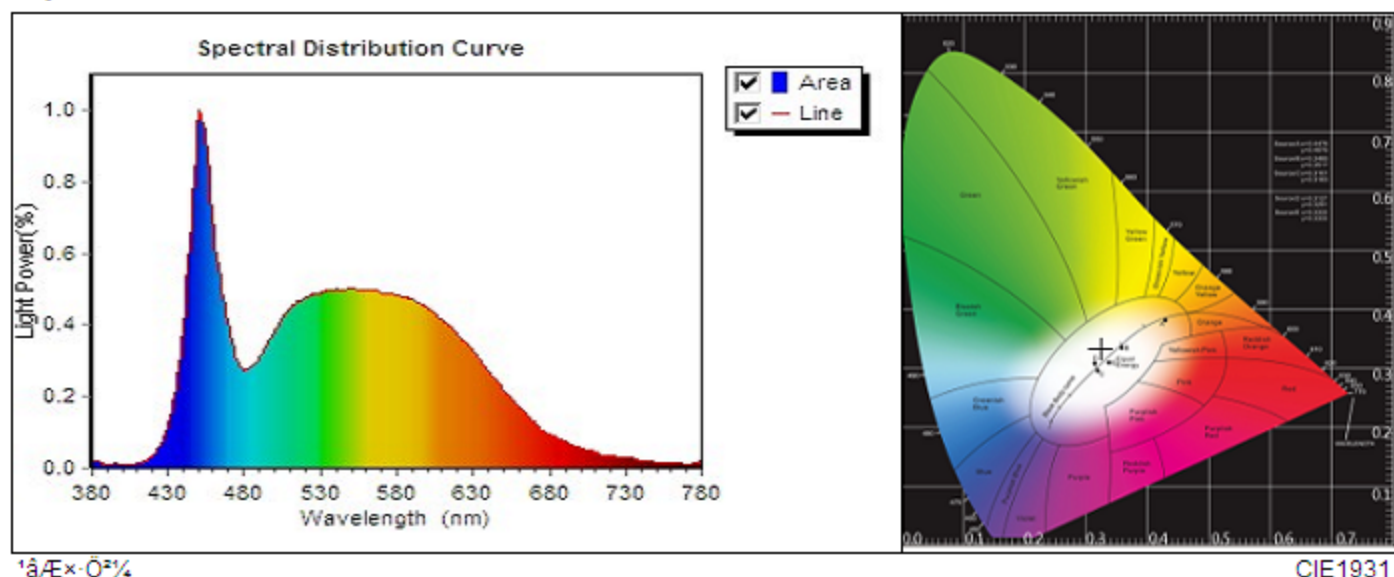
Test date. : 2023-05-12
Test equipment: SPEC2000A Spectrometer
Operator. : BA230214

Test Condition

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

Humidity : 65%
Peak AD. : 58161 (88.7%)
Integral time. : 312ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3184$ $y=0.3409$ $u=0.1973$ $v=0.3169$ ($duv=0.0064$)
Color temperature: $TC=6144$ K Color difference: $SDCM=3.6$ Main Wavelength: $\lambda_d=484.09$ nm Purity: $Purity=0.334$
Peak wavelength: $\lambda_p=451.6$ nm FWHM: $\Delta\lambda_p=22.9$ nm Color ratio: $R=15.06\%$ $G=79.77\%$ $B=5.17\%$

Color rendering index (Ra): $Ra=85.1$

$R1=83.2$ $R2=89.6$ $R3=93.4$ $R4=84.3$ $R5=83.6$ $R6=84.9$ $R7=89.5$ $R8=72.1$
 $R9=16.1$ $R10=74.9$ $R11=83.9$ $R12=61.0$ $R13=85.8$ $R14=96.7$ $R15=78.3$

Optical Parameter

Luminous flux: 789.703 lm luminous efficiency: 127.37 lm/w Radiant flux: 2.552 W

Electrical Parameter

Voltage: 230.5 V Current: 0.047 A Watts: 6.20 W Power factor: 0.559

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