



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED GU10
Product No. : BSC1-PAR16GU10-100-BF
Manufacturer : BLED

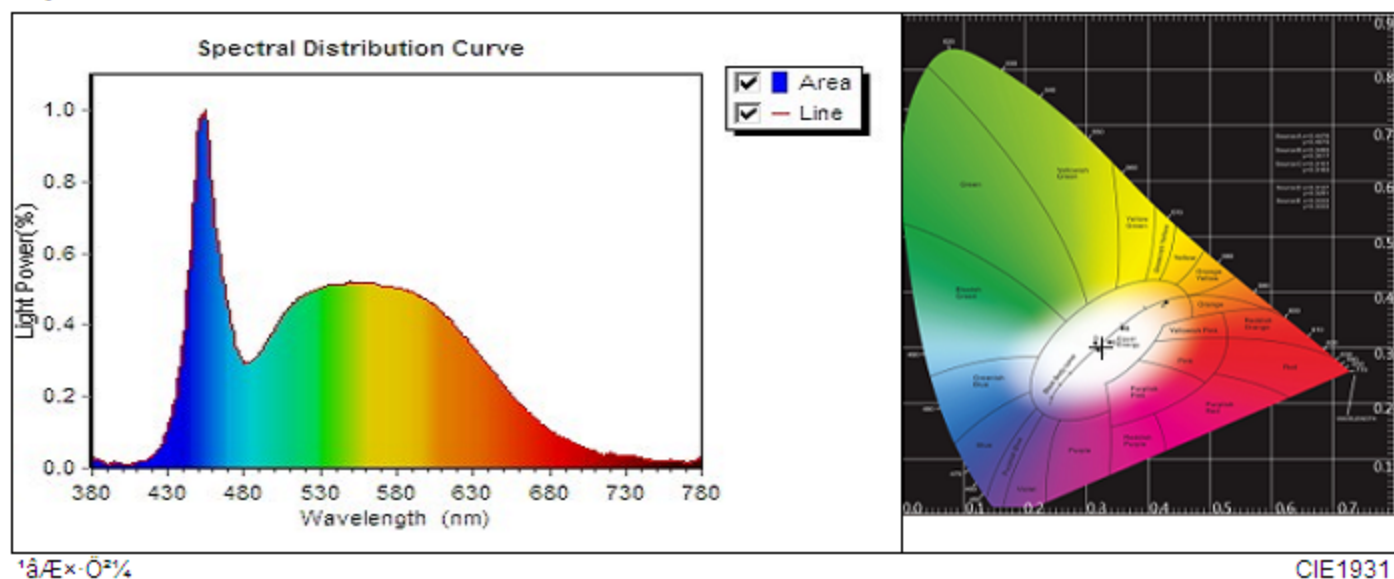
Test date. : 2023-05-12
Test equipment: SPEC2000A Spectrometer
Operator. : BA230214

Test Condition

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

Humidity : 65%
Peak AD. : 48839 (74.5%)
Integral time. : 288ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3201$ $y=0.3420$ $u=0.1981$ $v=0.3174$ ($duv=0.0061$)
Color temperature: $TC=6060$ K Color difference: $SDCM=2.8$ Main Wavelength: $\lambda_d=484.06$ nm Purity: $Purity=0.329$
Peak wavelength: $\lambda_p=453.0$ nm FWHM: $\Delta\lambda_p=24.2$ nm Color ratio: $R=15.24\%$ $G=79.50\%$ $B=5.26\%$

Color rendering index (Ra): $Ra=85.4$

$R1=83.5$ $R2=90.5$ $R3=94.1$ $R4=83.8$ $R5=83.7$ $R6=85.8$ $R7=89.2$ $R8=71.8$
 $R9=17.0$ $R10=76.8$ $R11=83.3$ $R12=61.1$ $R13=86.5$ $R14=97.1$ $R15=78.8$

Optical Parameter

Luminous flux: 727.242 lm luminous efficiency: 129.86 lm/w Radiant flux: 2.3642 W

Electrical Parameter

Voltage: 230.5 V Current: 0.042 A Watte: 5.60 W Power factor: 0.568

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