



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : GU10 LED
Product No. : BS1-PAR16GU10-45-BN
Manufacturer : BLED

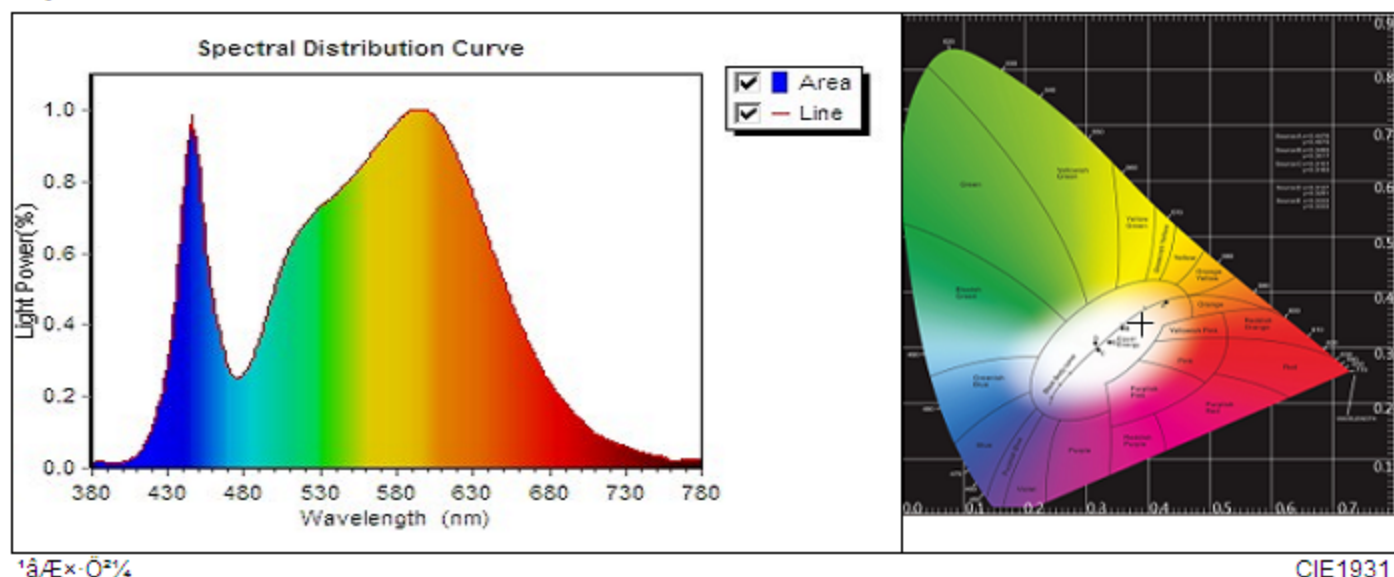
Test date. : 2023-01-20
Test equipment: SPEC2000A Spectrometer
Operator. : SPBL20221715

Test Condition

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

Humidity : 65%
Peak AD. : 41329 (63.1%)
Integral time. : 321ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3833$ $y=0.3817$ $u=0.2250$ $v=0.3361$ ($duv=0.0015$)
Color temperature: $TC=3961$ K Color difference: $SDCM=1.6$ Main Wavelength: $\lambda_d=485.02$ nm Purity: $Purity=0.161$
Peak wavelength: $\lambda_p=591.9$ nm FWHM: $\Delta\lambda_p=152.5$ nm Color ratio: $R=19.82\%$ $G=77.22\%$ $B=2.96\%$

Color rendering index (Ra): $Ra=82.6$

$R1=80.8$ $R2=87.2$ $R3=93.2$ $R4=83.3$ $R5=81.4$ $R6=83.3$ $R7=86.3$ $R8=65.2$
 $R9=7.8$ $R10=70.5$ $R11=83.1$ $R12=67.1$ $R13=82.5$ $R14=96.2$ $R15=74.3$

Optical Parameter

Luminous flux: 779.292 lm luminous efficiency: 106.75 lm/w Radiant flux: 2.3825 W

Electrical Parameter

Voltage: 230.4 V Current: 0.052 A Watts: 7.30 W Power factor: 0.599

MEASUREFINE

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