



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

Spectral test report for lamp

Product type : PAR38 LED
Product No. : B963-BC
Manufacturer : BLED

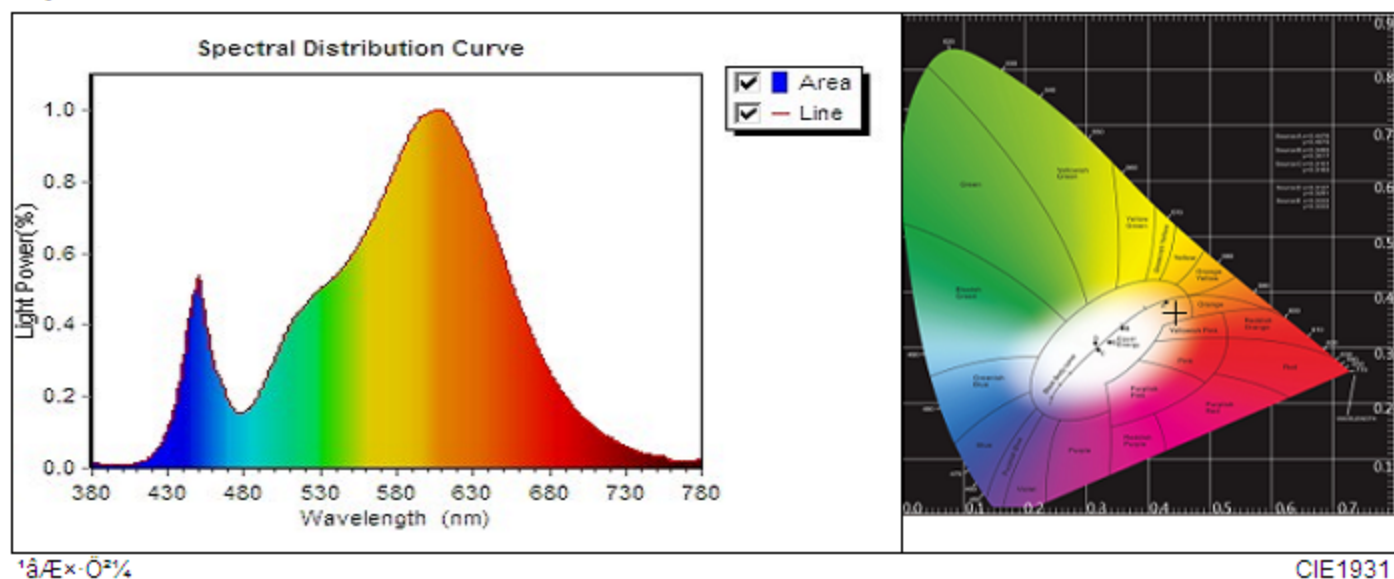
Test date. : 2021-05-06
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 49323 (75.3%)
Integral time. : 223ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4383$ $y=0.4006$ $u=0.2529$ $v=0.3468$ ($duv=-0.0016$)
Color temperature: $TC=2949$ K Color difference: $SDCM=1.1$ Main Wavelength: $\lambda_d=480.1$ nm Purity: $Purity=0.026$
Peak wavelength: $\lambda_p=608.1$ nm FWHM: $\Delta\lambda_p=127.6$ nm Color ratio: $R=25.23\%$ $G=72.67\%$ $B=2.10\%$

Color rendering index (Ra): $Ra=83.2$

$R1=81.9$ $R2=90.8$ $R3=96.6$ $R4=82.1$ $R5=82.2$ $R6=89.2$ $R7=82.8$ $R8=59.7$
 $R9=8.9$ $R10=79.3$ $R11=82.3$ $R12=74.3$ $R13=84.7$ $R14=98.7$ $R15=74.5$

Optical Parameter

Luminous flux: 1192.233 lm luminous efficiency: 102.78 lm/w Radiant flux: 3.6624 W

Electrical Parameter

Voltage: 230.2 V Current: 0.082 A Watts: 11.60 W Power factor: 0.610

MEASUREFINE

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