



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

Spectral test report for lamp

Product type : PANEL LED
Product No. : B5234-BC
Manufacturer : BLED

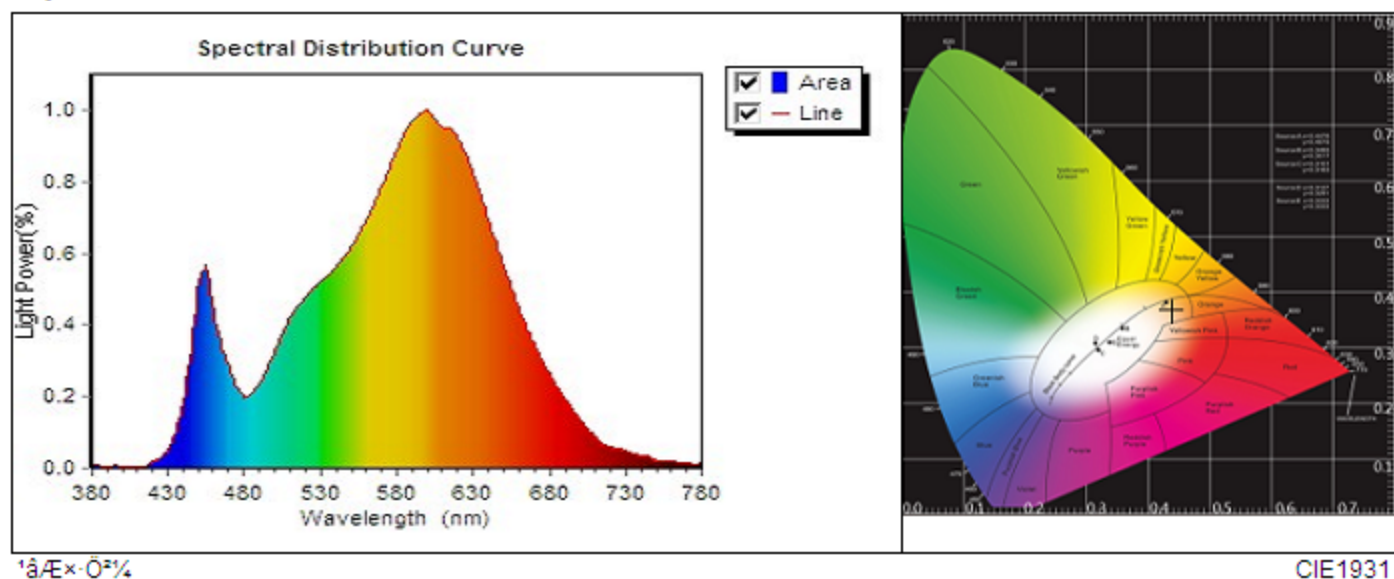
Test date. : 2022-11-30
Test equipment: SPEC2000A Spectrometer
Operator. : 17DP22BLED001

Test Condition

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

Humidity : 65%
Peak AD. : 40977 (62.5%)
Integral time. : 47ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4323$ $y=0.4037$ $u=0.2477$ $v=0.3470$ ($duv=0.0005$)
Color temperature: $TC=3077K$ Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=487.01nm$ Purity: $Purity=0.037$
Peak wavelength: $\lambda_p=599.0 nm$ FWHM: $\lambda_p=131.4 nm$ Color ratio: $R=24.02\%$ $G=73.57\%$ $B=2.41\%$

Color rendering index (Ra): $Ra=82.4$

$R1=80.7$ $R2=91.1$ $R3=96.1$ $R4=79.9$ $R5=80.9$ $R6=89.0$ $R7=82.6$ $R8=58.7$
 $R9=5.9$ $R10=79.7$ $R11=79.3$ $R12=68.4$ $R13=84.0$ $R14=98.5$ $R15=73.1$

Optical Parameter

Luminous flux: $4879.432 lm$ luminous efficiency: $59.07 lm/w$ Radiant flux: $14.6453 W$

Electrical Parameter

Voltage: $230.9 V$ Current: $0.371 A$ Watts: $82.60 W$ Power factor: 0.963

MEASUREFINE

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