



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

Spectral test report for lamp

Product type : LED MODULE
Product No. : BM1431RGB CCT (R)
Manufacturer : BLED

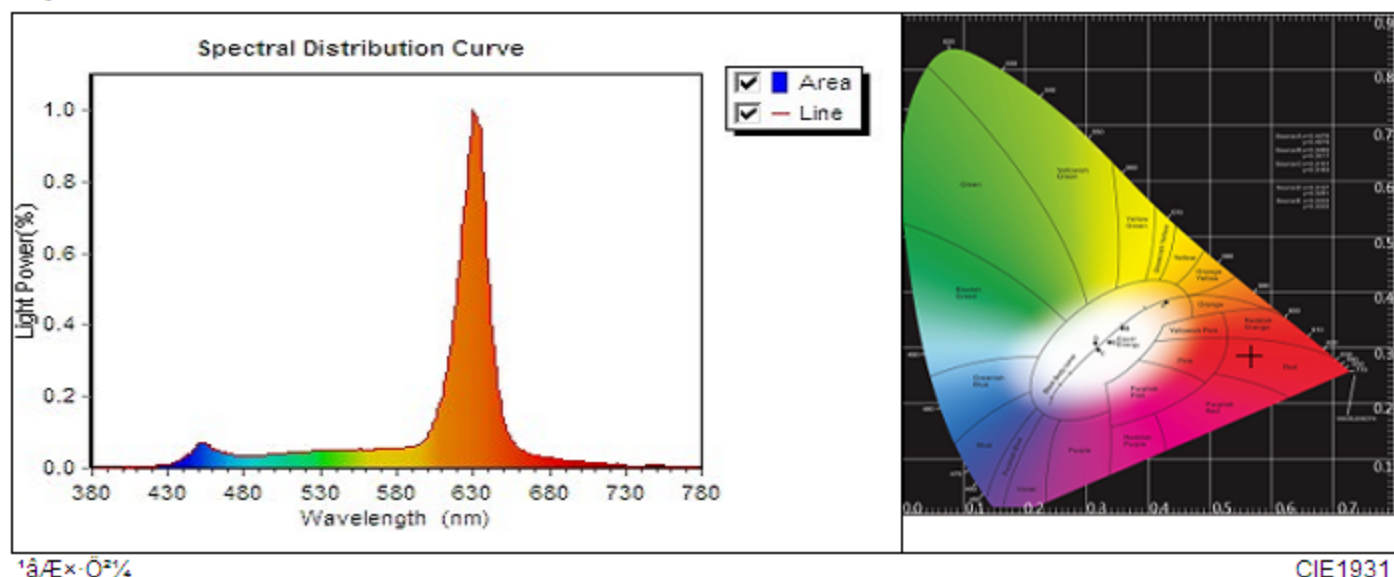
Test date. : 2024-08-08
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52353 (79.9%)
Integral time. : 178ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.5575$ $y=0.3287$ $u=0.3826$ $v=0.3383$ ($duv=-0.0210$)
Color temperature: $TC=1327$ K Color difference: $SDCM=96.9$ Main Wavelength: $\lambda_d=497.91$ nm Purity: $Purity=0.301$
Peak wavelength: $\lambda_p=631.6$ nm FWHM: $\lambda_p=21.0$ nm Color ratio: $R=61.94\%$ $G=35.90\%$ $B=2.16\%$

Color rendering index (Ra): $Ra=57.5$

$R1=54.5$ $R2=59.8$ $R3=84.8$ $R4=46.0$ $R5=35.3$ $R6=11.2$ $R7=76.2$ $R8=91.6$
 $R9=81.8$ $R10=24.8$ $R11=1.9$ $R12=-85.3$ $R13=44.5$ $R14=95.0$ $R15=78.2$

Optical Parameter

Luminous flux: 7.875 lm luminous efficiency: 29.83 lm/w Radiant flux: 0.0347 W

Electrical Parameter

Voltage: 12.0 V Current: 0.022 A Watto: 0.264 W Power factor: 1.000

MEASUREFINE

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