



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

Spectral test report for lamp

Product type : TIRALED
Product No. : B1548RGBW
Manufacturer : BLED

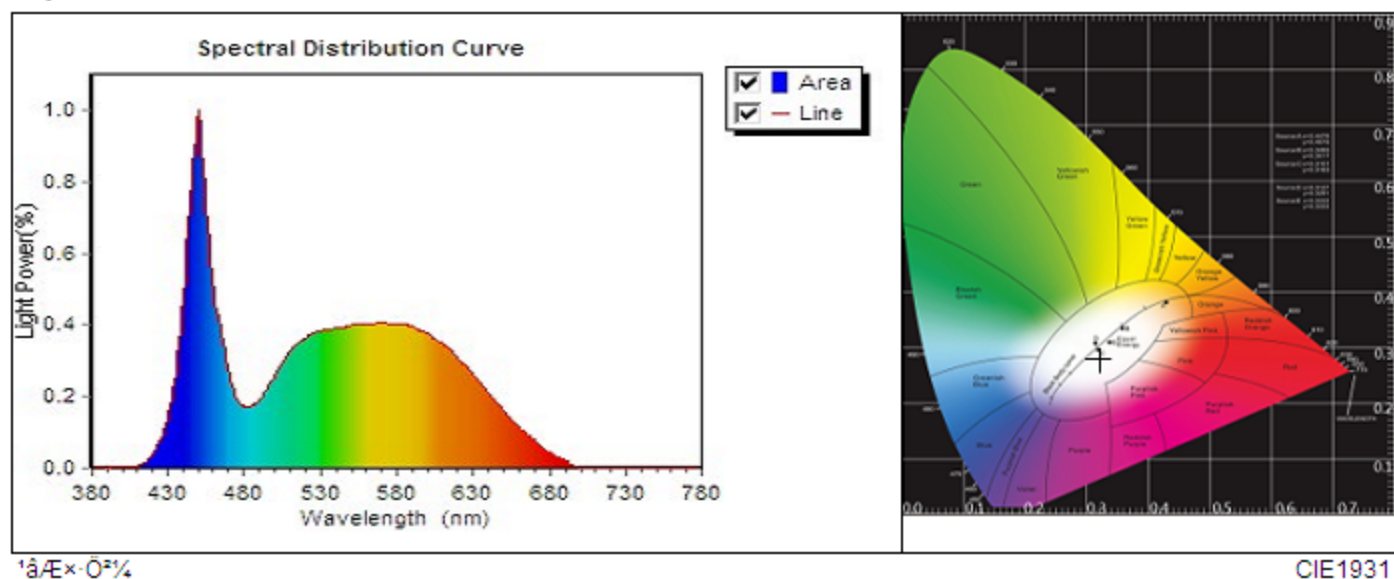
Test date. : 2026-03-03
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 50001 (76.3%)
Integral time. : 127ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3160$ $y=0.3217$ $u=0.2030$ $v=0.3099$ ($duv=-0.0023$)
Color temperature: $TC=6374$ K Color difference: $SDCM=5.4$ Main Wavelength: $\lambda_d=482.04$ nm Purity: $Purity=0.355$
Peak wavelength: $\lambda_p=449.6$ nm FWHM: $\Delta\lambda_p=19.6$ nm Color ratio: $R=15.49\%$ $G=79.77\%$ $B=4.74\%$

Color rendering index (Ra): $Ra=83.8$

$R1=84.3$ $R2=87.1$ $R3=87.1$ $R4=85.7$ $R5=84.7$ $R6=80.6$ $R7=87.2$ $R8=73.1$
 $R9=16.4$ $R10=67.7$ $R11=85.8$ $R12=59.2$ $R13=85.1$ $R14=92.8$ $R15=81.3$

Optical Parameter

Luminous flux: 1419.879 lm luminous efficiency: 63.82 lm/w Radiant flux: 4.5205 W

Electrical Parameter

Voltage: 24.0 V Current: 0.927 A Watto: 22.248 W Power factor: 1.000

MEASUREFINE

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