



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : B1554-IP20-RGB+CCT_R+G+B
Manufacturer : BLED

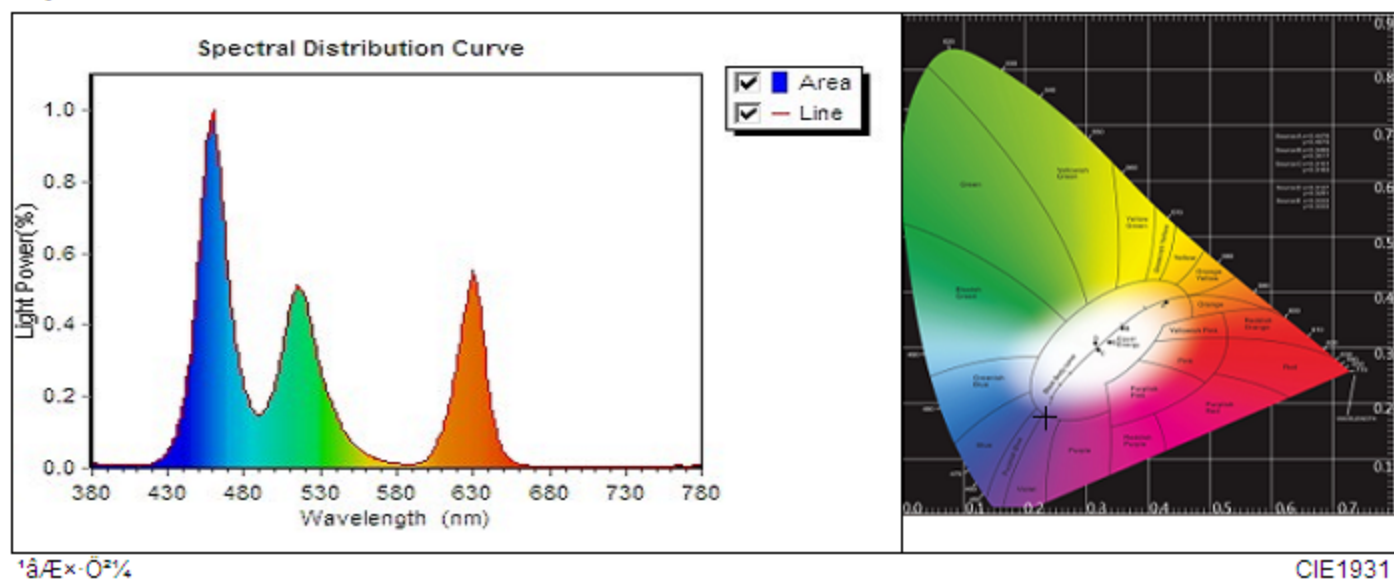
Test date. : 2022-05-27
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 57419 (87.6%)
Integral time. : 39ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.2300$ $y=0.2259$ $u=0.1752$ $v=0.2581$ ($duv=-0.0157$)
Color temperature: $TC=100000$ K Color difference: $SDCM=57.7$ Main Wavelength: $\lambda_d=479.01$ nm Purity: $Purity=0.625$
Peak wavelength: $\lambda_p=459.0$ nm FWHM: $\Delta\lambda_p=21.8$ nm Color ratio: $R=21.37\%$ $G=66.72\%$ $B=11.91\%$

Color rendering index (Ra): $Ra=49.5$

$R1=33.5$ $R2=60.4$ $R3=69.9$ $R4=51.0$ $R5=54.2$ $R6=58.3$ $R7=61.9$ $R8=6.3$
 $R9=-214.0$ $R10=-1.7$ $R11=29.5$ $R12=64.9$ $R13=35.7$ $R14=77.5$ $R15=14.1$

Optical Parameter

Luminous flux: 50.444 lm Luminous efficiency: 38.92 lm/w Radiant flux: 0.2465 W

Electrical Parameter

Voltage: 23.99 V Current: 0.054 A Watts: 1.296 W Power factor: 1.000

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