



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1559-5-SA
Manufacturer : bled

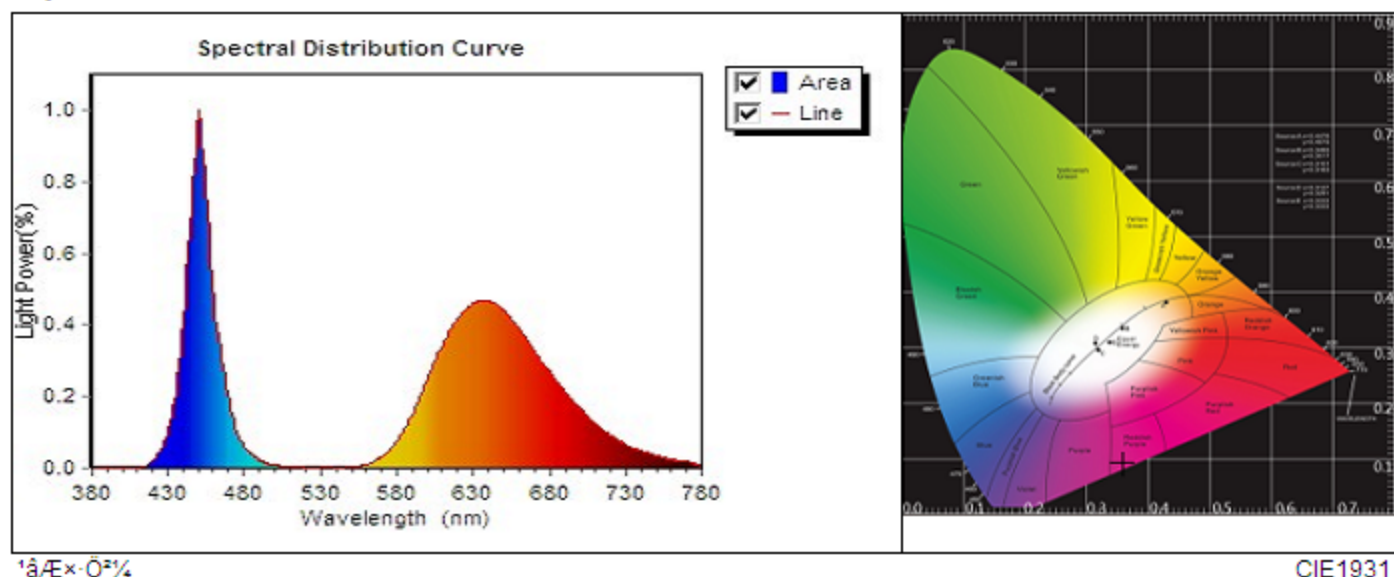
Test date. : 2024-03-14
Test equipment: SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 42624 (65.0%)
Integral time. : 46ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3547$ $y=0.1499$ $u=0.3470$ $v=0.2199$ ($duv=-0.1406$)
Color temperature: $TC=1572$ K Color difference: $SDCM=103.5$ Main Wavelength: $\lambda_d=564.96$ nm Purity: $Purity=1.47$
Peak wavelength: $\lambda_p=450.3$ nm FWHM: $\lambda_p=17.6$ nm Color ratio: $R=66.65\%$ $G=23.80\%$ $B=9.55\%$

Color rendering index (Ra): $Ra=-27.3$

$R1=65.8$ $R2=-21.0$ $R3=-117.4$ $R4=-15.9$ $R5=30.2$ $R6=-126.0$ $R7=-55.3$ $R8=20.4$
 $R9=65.8$ $R10=-162.7$ $R11=-8.6$ $R12=-477.5$ $R13=16.5$ $R14=-14.4$ $R15=50.4$

Optical Parameter

Luminous flux: 21.892 lm Luminous efficiency: 26.06 lm/w Radiant flux: 0.1924 W

Electrical Parameter

Voltage: 24.0 V Current: 0.035 A Watto: 0.84 W Power factor: 1.000

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