



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLS5050-48V15W-IP20-10M-RGBCCT (R) (16
Manufacturer : BLED

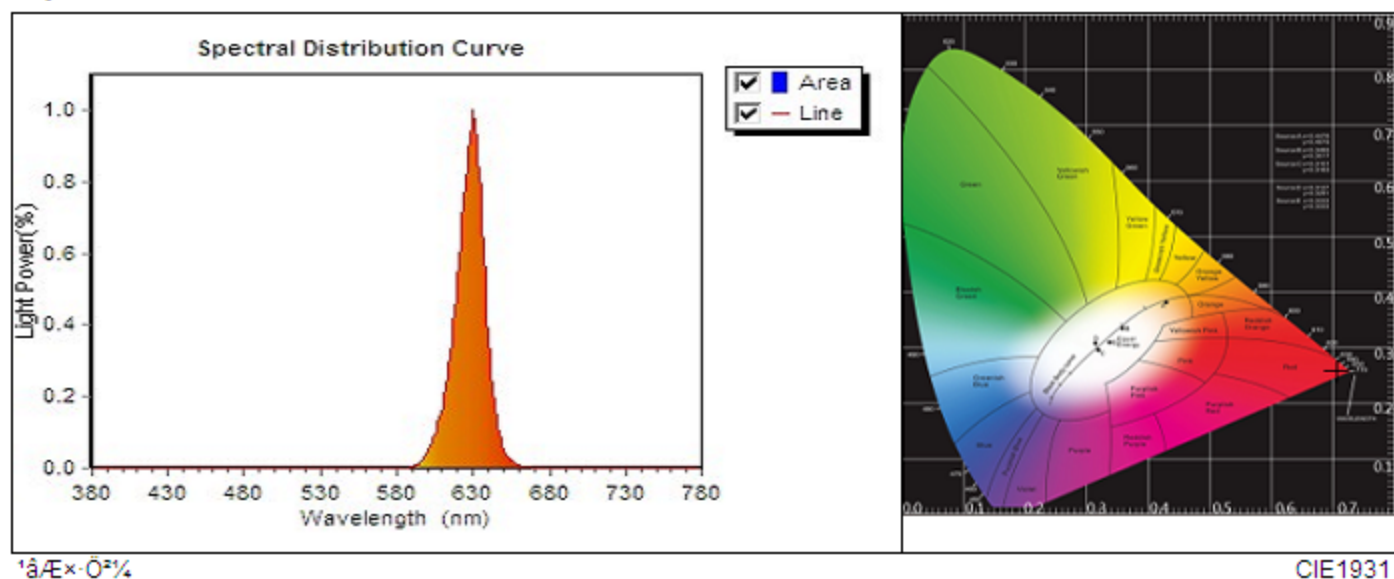
Test date. : 2024-04-30
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 44547 (68.0%)
Integral time. : 46ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6960$ $y=0.3039$ $u=0.5299$ $v=0.3470$ ($duv=-0.0821$)
Color temperature: $TC=1000$ K Color difference: $SDCM=193.9$ Main Wavelength: $\lambda_d=493.9$ nm Purity: $Purity=0.635$
Peak wavelength: $\lambda_p=629.8$ nm FWHM: $\Delta\lambda_p=18.5$ nm Color ratio: $R=98.94\%$ $G=1.06\%$ $B=0.00\%$

Color rendering index (Ra): $Ra=7$

$R1=-0.2$ $R2=76.9$ $R3=24.2$ $R4=-37.0$ $R5=-7.3$ $R6=88.7$ $R7=-3.2$ $R8=-86.2$
 $R9=-252.7$ $R10=69.8$ $R11=-22.6$ $R12=78.6$ $R13=35.4$ $R14=55.4$ $R15=-46.9$

Optical Parameter

Luminous flux: 14.756 lm Luminous efficiency: 23.65 lm/w Radiant flux: 0.072 W

Electrical Parameter

Voltage: 48.0 V Current: 0.013 A Watto: 0.624 W Power factor: 1.000

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