



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : BLSCOB-24V12W-SIDE-IP20-RGB (R) (10CM)
Manufacturer : BLED

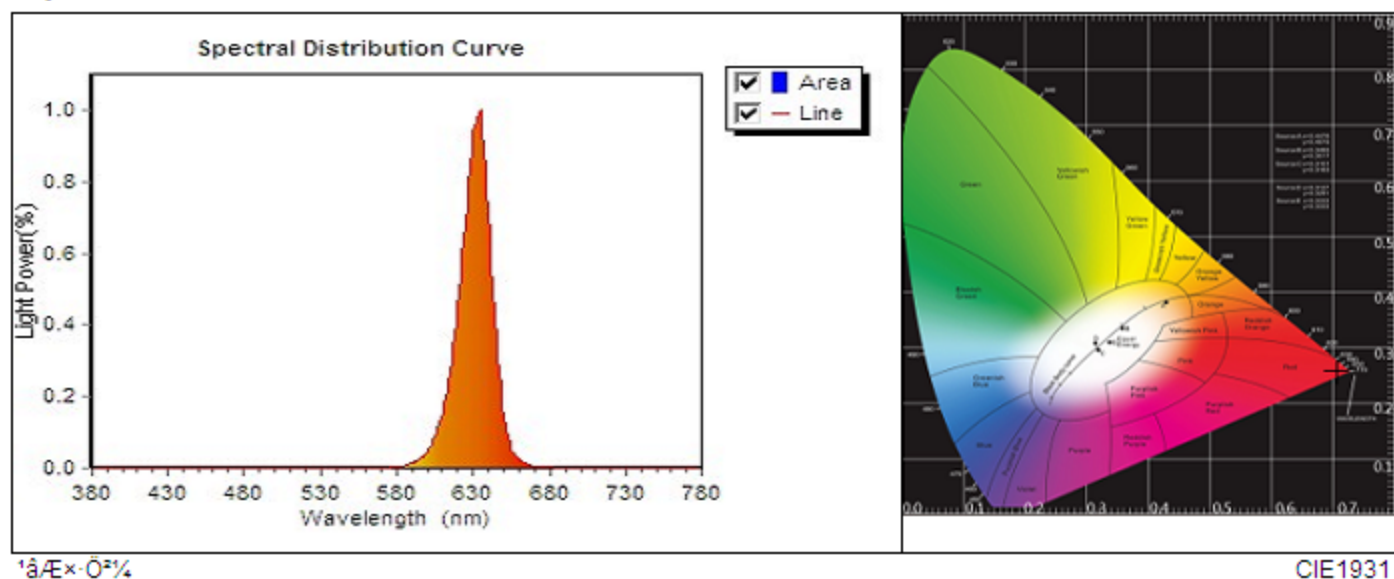
Test date. : 2024-07-31
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

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

Humidity : 65%
Peak AD. : 49252 (75.2%)
Integral time. : 180ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6970$ $y=0.3029$ $u=0.5320$ $v=0.3468$ ($duv=-0.0842$)
Color temperature: $TC=1000$ K Color difference: $SDCM=194.9$ Main Wavelength: $\lambda_d=493.98$ nm Purity: $Purity=0.637$
Peak wavelength: $\lambda_p=633.4$ nm FWHM: $\Delta\lambda_p=21.6$ nm Color ratio: $R=96.79\%$ $G=3.21\%$ $B=0.00\%$

Color rendering index (Ra): $Ra=16.6$

$R1=7.7$ $R2=77.9$ $R3=34.0$ $R4=-24.1$ $R5=3.1$ $R6=88.4$ $R7=9.2$ $R8=-63.8$
 $R9=-214.1$ $R10=71.3$ $R11=-12.2$ $R12=79.6$ $R13=39.2$ $R14=61.3$ $R15=-31.0$

Optical Parameter

Luminous flux: 4.386 lm Luminous efficiency: 9.62 lm/w Radiant flux: 0.0235 W

Electrical Parameter

Voltage: 24.0 V Current: 0.019 A Watto: 0.456 W Power factor: 1.000

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