



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : MODULO LED
Product No. : B710-270
Manufacturer : BLED

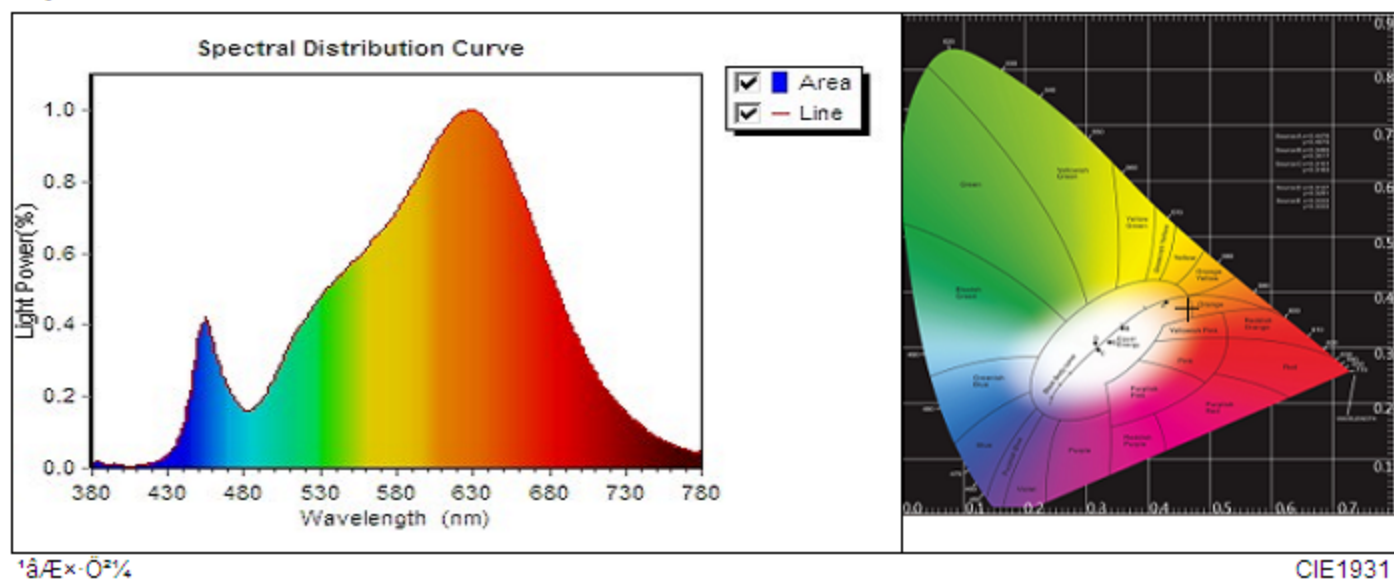
Test date. : 2023-06-06
Test equipment: SPEC2000A Spectrometer
Operator. : BL20230112HT

Test Condition

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

Humidity : 65%
Peak AD. : 48244 (73.6%)
Integral time. : 474ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4573$ $y=0.4066$ $u=0.2626$ $v=0.3503$ ($duv=-0.0013$)
Color temperature: $TC=2705$ K Color difference: $SDCM=5.9$ Main Wavelength: $\lambda_d=643.04$ nm Purity: $Purity=0.032$
Peak wavelength: $\lambda_p=628.8$ nm FWHM: $\Delta\lambda_p=151.0$ nm Color ratio: $R=28.18\%$ $G=69.78\%$ $B=2.04\%$

Color rendering index (Ra): $Ra=93.2$

$R1=94.0$ $R2=96.3$ $R3=96.1$ $R4=93.2$ $R5=93.0$ $R6=94.9$ $R7=93.1$ $R8=84.7$
 $R9=66.1$ $R10=89.3$ $R11=93.3$ $R12=79.6$ $R13=94.9$ $R14=96.7$ $R15=91.1$

Optical Parameter

Luminous flux: 649.585 lm luminous efficiency: 84.36 lm/w Radiant flux: 2.3459 W

Electrical Parameter

Voltage: 230.5 V Current: 0.056 A Watts: 7.70 W Power factor: 0.596

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