



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : MODULO
Product No. : MODR11-24-B-4000
Manufacturer : BLED

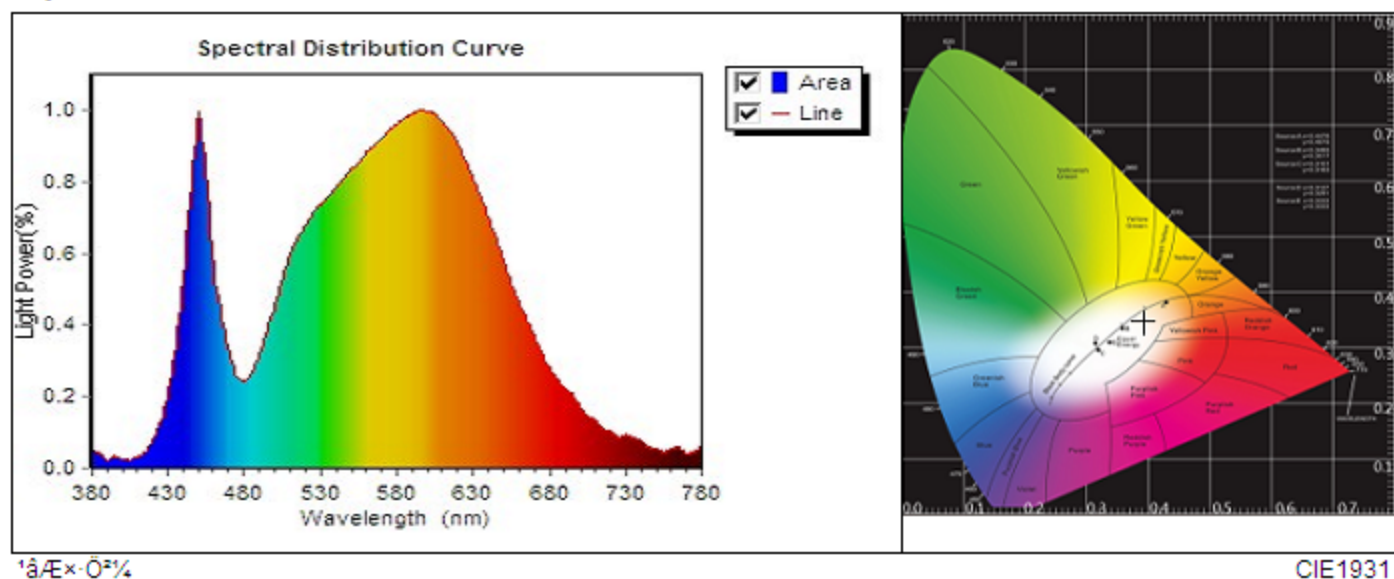
Test date. : 2020-07-10
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 53989 (82.4%)
Integral time. : 280ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3881$ $y=0.3851$ $u=0.2268$ $v=0.3376$ ($duv=0.0017$)
Color temperature: $TC=3862$ K Color difference: $SDCM=3.9$ Main Wavelength: $\lambda_d=485.01$ nm Purity: $Purity=0.147$
Peak wavelength: $\lambda_p=596.2$ nm FWHM: $\Delta\lambda_p=154.2$ nm Color ratio: $R=20.27\%$ $G=76.88\%$ $B=2.85\%$

Color rendering index (Ra): $Ra=83.3$

$R1=81.8$ $R2=87.7$ $R3=92.5$ $R4=83.5$ $R5=81.5$ $R6=83.0$ $R7=87.8$ $R8=68.1$
 $R9=16.3$ $R10=70.8$ $R11=82.3$ $R12=62.0$ $R13=83.4$ $R14=95.7$ $R15=76.5$

Optical Parameter

Luminous flux: 1115.346 lm Luminous efficiency: 104.24 lm/w Radiant flux: 3.4718 W

Electrical Parameter

Voltage: 230.3 V Current: 0.081 A Watts: 10.70 W Power factor: 0.570

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