



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1040-B-22W-BC
Manufacturer : BLED

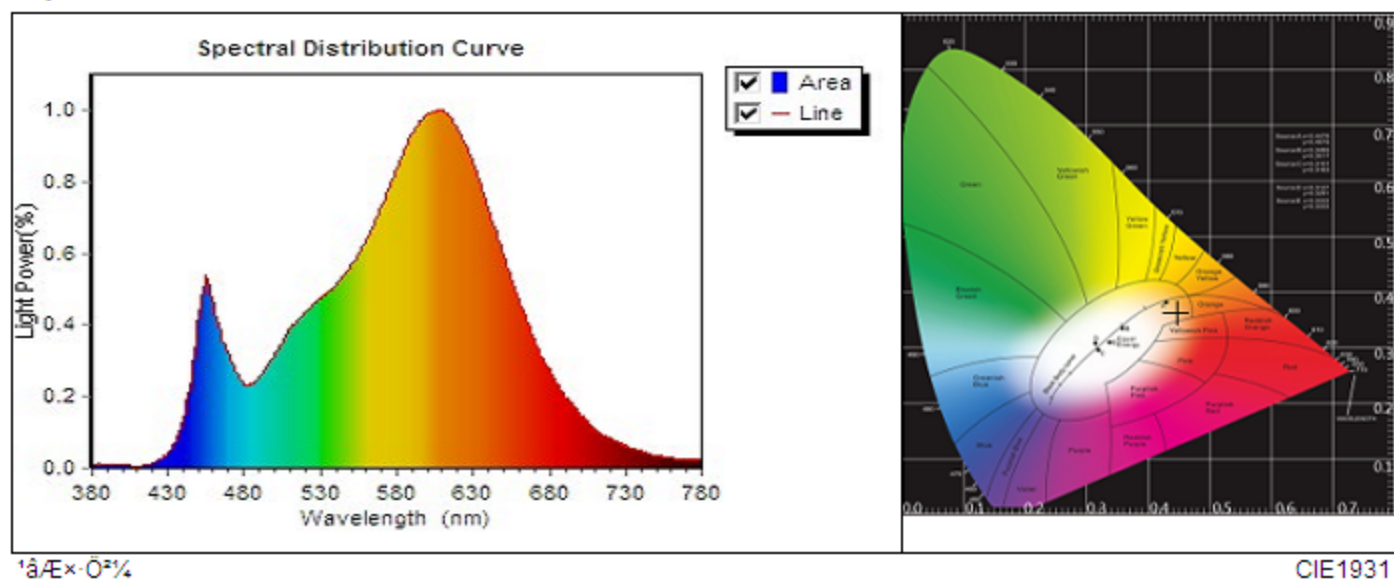
Test date. : 2021-03-12
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 48717 (74.3%)
Integral time. : 124ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4396$ $y=0.4000$ $u=0.2541$ $v=0.3468$ ($duv=-0.0020$)
Color temperature: $TC=2921$ K Color difference: $SDCM=1.5$ Main Wavelength: $\lambda_d=477.05$ nm Purity: $Purity=0.024$
Peak wavelength: $\lambda_p=608.3$ nm FWHM: $\Delta\lambda_p=120.6$ nm Color ratio: $R=25.77\%$ $G=71.59\%$ $B=2.64\%$

Color rendering index (Ra): $Ra=84.4$

$R1=84.4$ $R2=95.0$ $R3=93.0$ $R4=81.9$ $R5=85.0$ $R6=94.1$ $R7=81.2$ $R8=60.2$
 $R9=14.6$ $R10=88.5$ $R11=82.3$ $R12=77.2$ $R13=88.1$ $R14=97.0$ $R15=76.8$

Optical Parameter

Luminous flux: 2114.389 lm Luminous efficiency: 99.27 lm/w Radiant flux: 6.5721 W

Electrical Parameter

Voltage: 230.2 V Current: 0.159 A Watts: 21.30 W Power factor: 0.581

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