



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : APLIQUE
Product No. : LV140-N-EU
Manufacturer : BLED

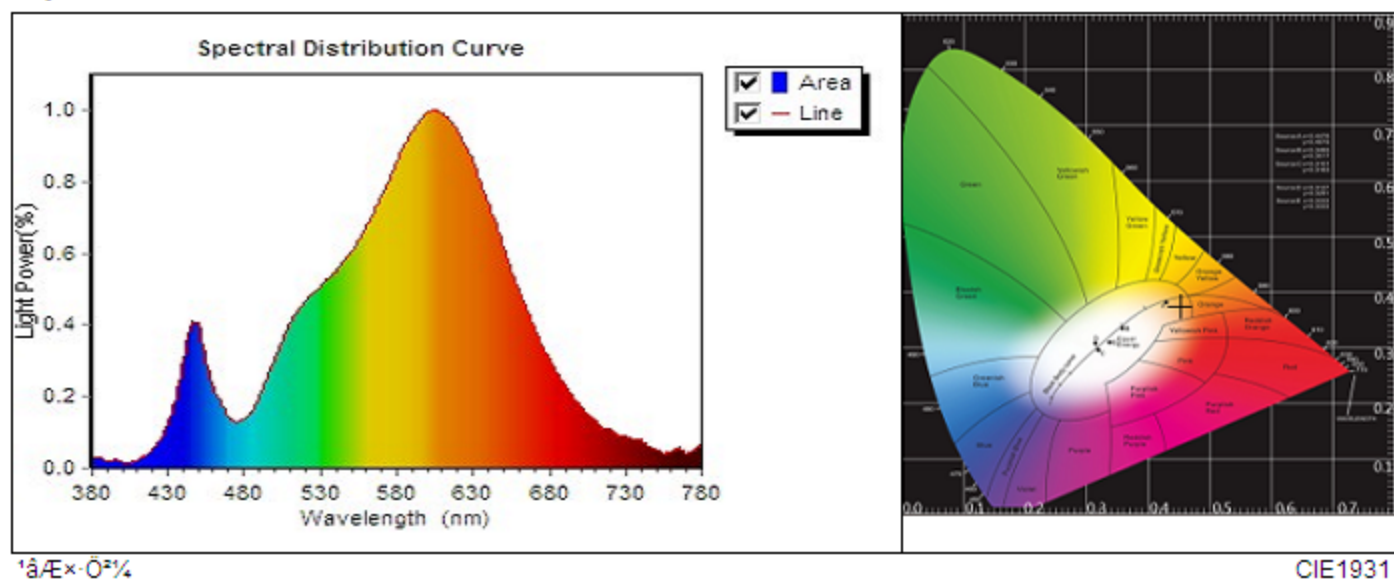
Test date. : 2021-07-21
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 48480 (74.0%)
Integral time. : 538ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4465$ $y=0.4117$ $u=0.2534$ $v=0.3505$ ($duv=0.0018$)
Color temperature: $TC=2906$ K Color difference: $SDCM=3.9$ Main Wavelength: $\lambda_d=535.1$ nm Purity: $Purity=0.01$
Peak wavelength: $\lambda_p=604.3$ nm FWHM: $\Delta\lambda_p=131.6$ nm Color ratio: $R=25.23\%$ $G=72.94\%$ $B=1.83\%$

Color rendering index (Ra): $Ra=82.9$

$R1=80.9$ $R2=89.1$ $R3=97.1$ $R4=82.5$ $R5=80.9$ $R6=86.9$ $R7=84.5$ $R8=60.7$
 $R9=9.2$ $R10=75.6$ $R11=82.6$ $R12=71.5$ $R13=83.2$ $R14=98.3$ $R15=73.2$

Optical Parameter

Luminous flux: 474.67 lm Luminous efficiency: 94.93 lm/w Radiant flux: 1.4742 W

Electrical Parameter

Voltage: 230.4 V Current: 0.042 A Watts: 5.00 W Power factor: 0.507

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