



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT EMPOTRABLE
Product No. : BH25-6W-CCT-TRIAC-B (270)
Manufacturer : BLED

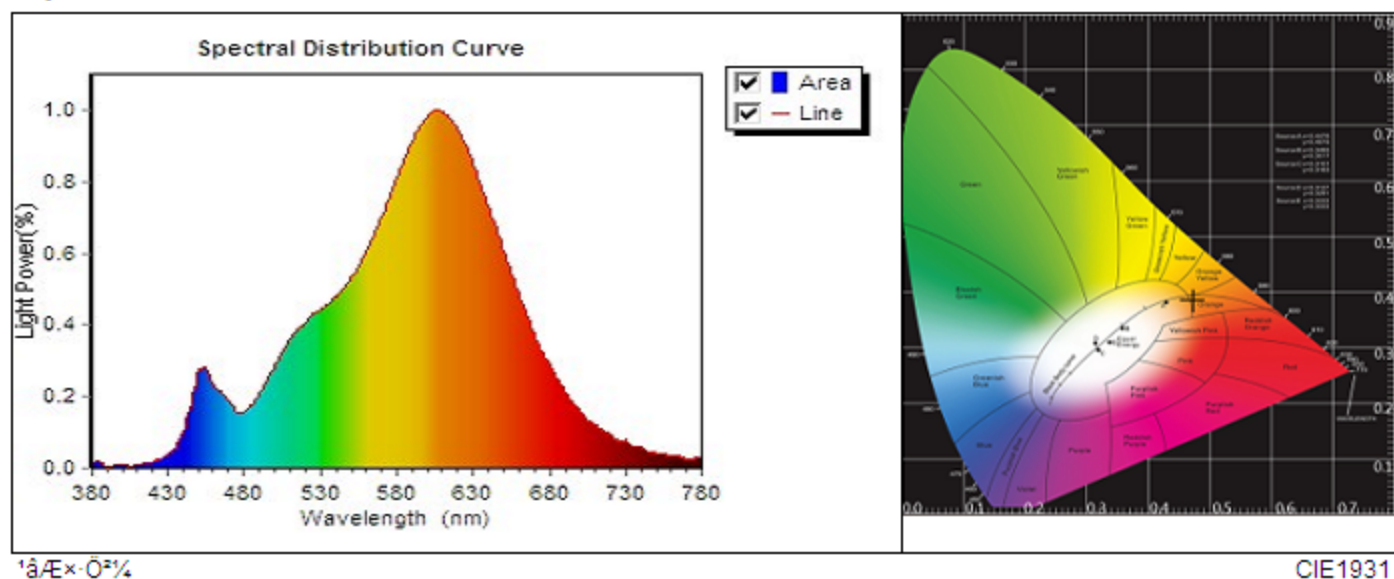
Test date. : 2024-08-27
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 37538 (57.3%)
Integral time. : 339ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4652$ $y=0.4212$ $u=0.2612$ $v=0.3547$ ($duv=0.0034$)
Color temperature: $TC=2707$ K Color difference: $SDCM=1.3$ Main Wavelength: $\lambda_d=580.02$ nm Purity: $Purity=0.22$
Peak wavelength: $\lambda_p=606.5$ nm FWHM: $\Delta\lambda_p=114.3$ nm Color ratio: $R=26.91\%$ $G=71.16\%$ $B=1.93\%$

Color rendering index (Ra): $Ra=83.1$

$R1=81.5$ $R2=91.7$ $R3=95.8$ $R4=81.5$ $R5=81.8$ $R6=91.8$ $R7=82.5$ $R8=57.6$
 $R9=6.7$ $R10=82.1$ $R11=82.1$ $R12=75.2$ $R13=84.7$ $R14=98.2$ $R15=72.3$

Optical Parameter

Luminous flux: 597.705 lm luminous efficiency: 96.4 lm/w Radiant flux: 1.8302 W

Electrical Parameter

Voltage: 230.7 V Current: 0.030 A Watts: 6.20 W Power factor: 0.886

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