



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

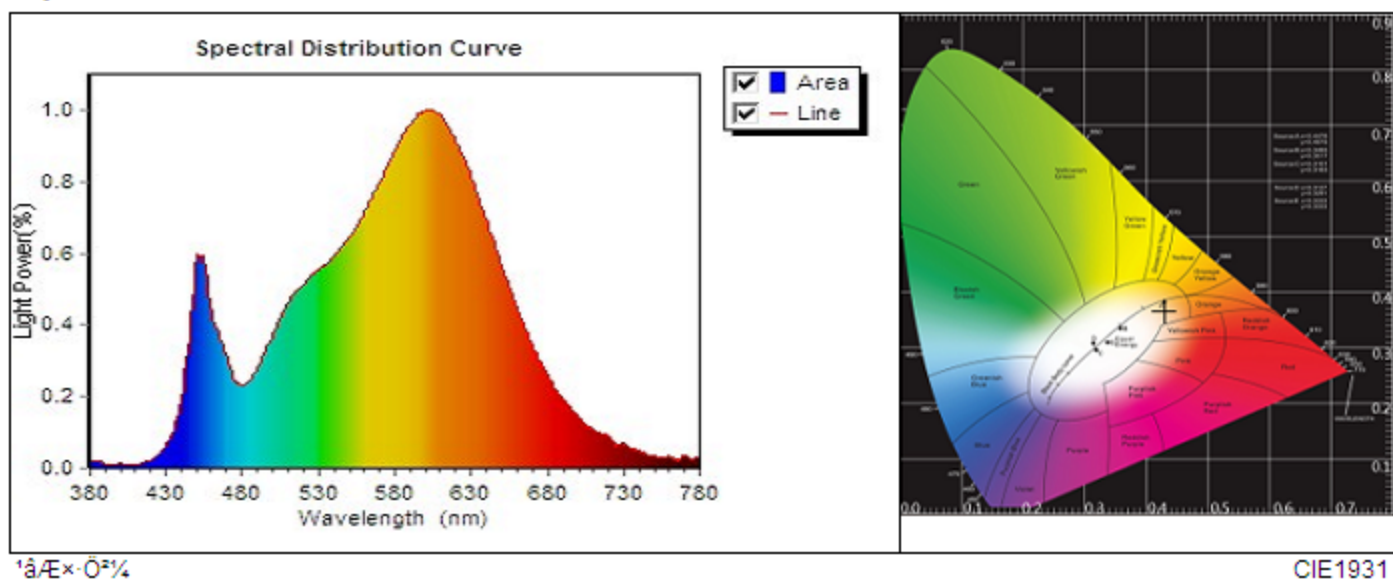
Test date. : 2024-08-27
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 46767 (71.4%)
Integral time. : 399ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4248$ $y=0.4028$ $u=0.2433$ $v=0.3460$ ($duv=0.0013$)
Color temperature: $TC=3204K$ Color difference: $SDCM=7.7$ Main Wavelength: $\lambda_d=488.04nm$ Purity: $Purity=0.055$
Peak wavelength: $\lambda_p=602.9nm$ FWHM: $\lambda_p=139.1nm$ Color ratio: $R=23.51\%$ $G=73.86\%$ $B=2.64\%$

Color rendering index (Ra): $Ra=83.8$

$R1=82.4$ $R2=91.8$ $R3=96.4$ $R4=82.0$ $R5=82.6$ $R6=90.1$ $R7=83.9$ $R8=61.0$
 $R9=9.6$ $R10=81.4$ $R11=82.0$ $R12=70.0$ $R13=85.5$ $R14=98.7$ $R15=74.7$

Optical Parameter

Luminous flux: $676.175lm$ Luminous efficiency: $125.22lm/w$ Radiant flux: $2.0524W$

Electrical Parameter

Voltage: $230.8V$ Current: $0.026A$ Watts: $5.40W$ Power factor: 0.901

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