



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT EMPOTRABLE
Product No. : BD25-5W-TRIAC-4K
Manufacturer : BLED

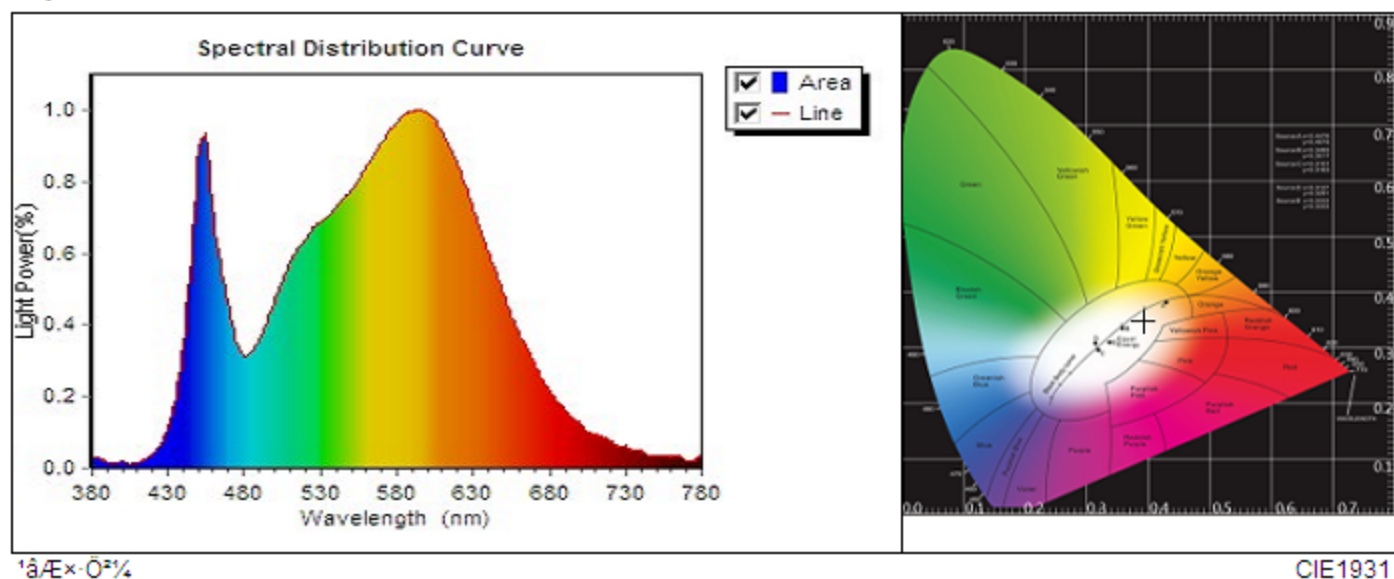
Test date. : 2024-08-27
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 49736 (75.9%)
Integral time. : 630ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3865$ $y=0.3866$ $u=0.2251$ $v=0.3378$ ($duv=0.0028$)
Color temperature: $TC=3914$ K Color difference: $SDCM=3.1$ Main Wavelength: $\lambda_d=486.01$ nm Purity: $Purity=0.151$
Peak wavelength: $\lambda_p=594.0$ nm FWHM: $\Delta\lambda_p=146.2$ nm Color ratio: $R=19.79\%$ $G=76.89\%$ $B=3.32\%$

Color rendering index (Ra): $Ra=82$

$R1=79.7$ $R2=89.4$ $R3=96.1$ $R4=79.6$ $R5=79.8$ $R6=85.5$ $R7=84.8$ $R8=60.8$
 $R9=0.3$ $R10=75.2$ $R11=78.4$ $R12=60.8$ $R13=83.0$ $R14=98.2$ $R15=72.5$

Optical Parameter

Luminous flux: 461.119 lm luminous efficiency: 79.5 lm/w Radiant flux: 1.3852 W

Electrical Parameter

Voltage: 230.6 V Current: 0.026 A Watts: 5.80 W Power factor: 0.945

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