



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type :
Product No. : L5075-30W 3000K
Manufacturer : BLED

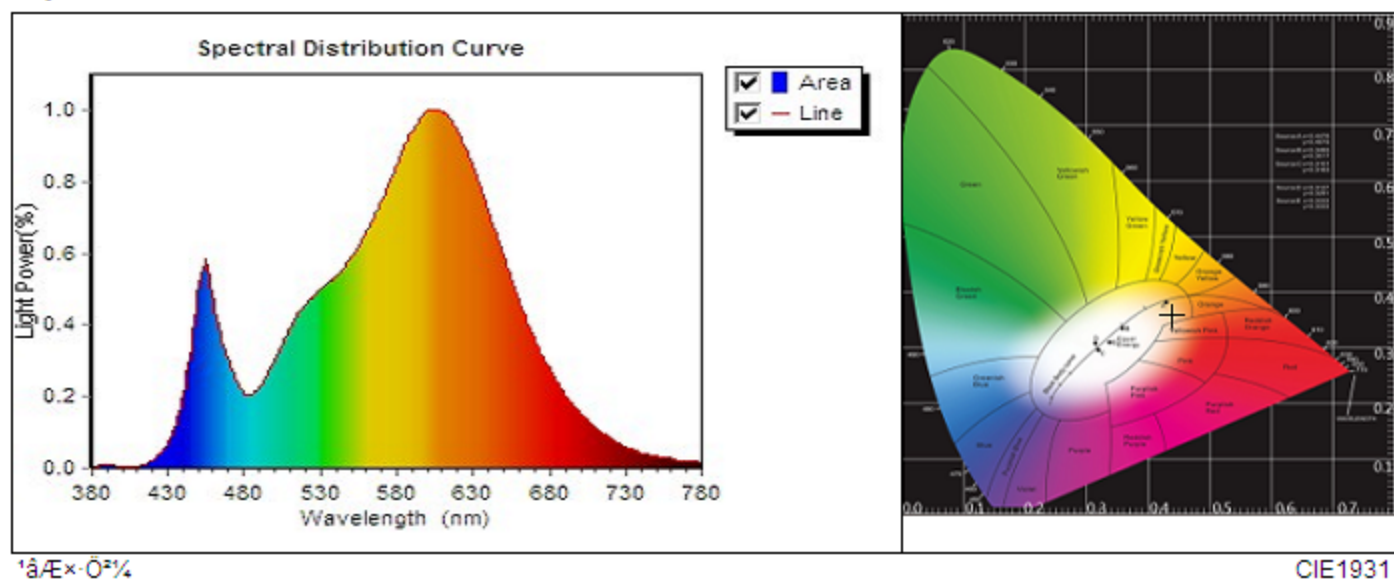
Test date. : 2024-04-12
Test equipment : SPEC2000A Spectrometer
Operator. : IONUT

Test Condition

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

Humidity : 65%
Peak AD. : 54586 (83.3%)
Integral time. : 153ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4335$ $y=0.3955$ $u=0.2521$ $v=0.3450$ ($duv=-0.0030$)
Color temperature: $TC=2987$ K Color difference: $SDCM=3.6$ Main Wavelength: $\lambda_d=479.06$ nm Purity: $Purity=0.041$
Peak wavelength: $\lambda_p=604.2$ nm FWHM: $\Delta\lambda_p=128.2$ nm Color ratio: $R=25.28\%$ $G=72.23\%$ $B=2.49\%$

Color rendering index (Ra): $Ra=84.2$

$R1=83.7$ $R2=93.5$ $R3=95.0$ $R4=81.9$ $R5=84.1$ $R6=91.9$ $R7=82.1$ $R8=60.7$
 $R9=13.7$ $R10=84.6$ $R11=81.8$ $R12=74.9$ $R13=87.1$ $R14=98.3$ $R15=76.7$

Optical Parameter

Luminous flux: 2044.977 lm luminous efficiency: 63.91 lm/w Radiant flux: 6.3436 W

Electrical Parameter

Voltage: 240.7 V Current: 0.136 A Watts: 32.00 W Power factor: 0.973

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