



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

Spectral test report for lamp

Product type :
Product No. : L5075-22W 3000K
Manufacturer : BLED

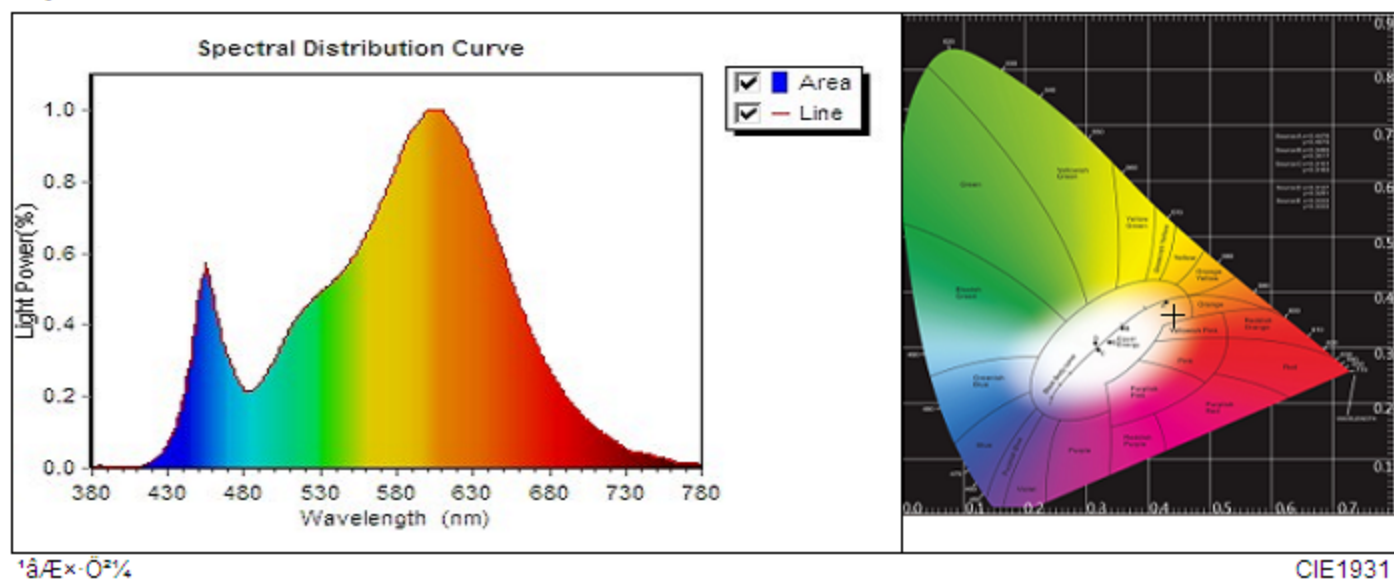
Test date. : 2024-04-12
Test equipment : SPEC2000A Spectrometer
Operator. : IONUT

Test Condition

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

Humidity : 65%
Peak AD. : 49316 (75.3%)
Integral time. : 196ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4343$ $y=0.3956$ $u=0.2525$ $v=0.3451$ ($duv=-0.0030$)
Color temperature: $TC=2976$ K Color difference: $SDCM=3.4$ Main Wavelength: $\lambda_d=478.06$ nm Purity: $Purity=0.039$
Peak wavelength: $\lambda_p=602.3$ nm FWHM: $\Delta\lambda_p=124.1$ nm Color ratio: $R=25.37\%$ $G=72.08\%$ $B=2.56\%$

Color rendering index (Ra): $Ra=84.1$

$R1=83.7$ $R2=93.9$ $R3=94.4$ $R4=81.7$ $R5=84.2$ $R6=92.5$ $R7=81.6$ $R8=60.3$
 $R9=13.2$ $R10=85.6$ $R11=81.6$ $R12=75.9$ $R13=87.2$ $R14=97.9$ $R15=76.6$

Optical Parameter

Luminous flux: 1404.84 lm Luminous efficiency: 58.78 lm/w Radiant flux: 4.3561 W

Electrical Parameter

Voltage: 240.6 V Current: 0.103 A Watts: 23.90 W Power factor: 0.955

MEASUREFINE

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