



Spectral test report for lamp

Product type :
Product No. : L5075-36W 6000K
Manufacturer : BLED

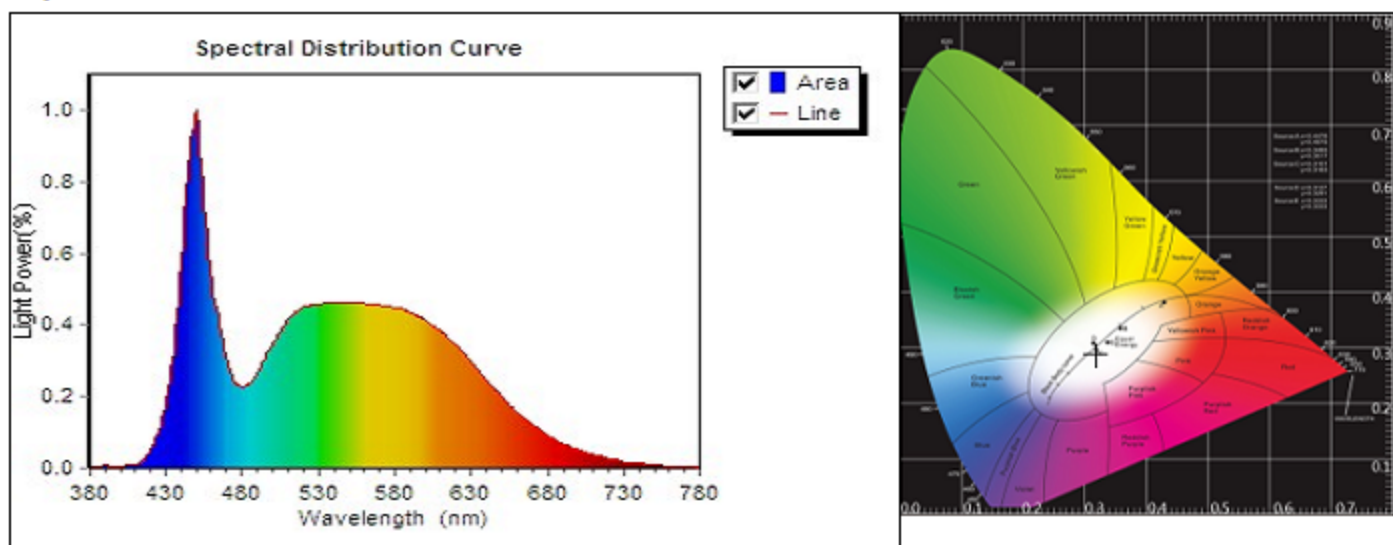
Test date. : 2024-04-12
Test equipment : SPEC2000A Spectrometer
Operator. : IONUT

Test Condition

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

Humidity : 65%
Peak AD. : 51845 (79.1%)
Integral time. : 82ms

Spectral Parameter



1â€x-0%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3141$ $y=0.3303$ $u=0.1983$ $v=0.3128$ ($duv=0.0031$)

Color temperature: $TC=6420$ K Color difference: $SDCM=5.3$ Main Wavelength: $\lambda_d=483.04$ nm Purity: $Purity=0.351$

Peak wavelength: $\lambda_p=448.9$ nm FWHM: $\lambda_p=21.4$ nm Color ratio: $R=14.99\%$ $G=80.09\%$ $B=4.92\%$

Color rendering index (Ra): $Ra=84.7$

$R1=83.9$ $R2=87.4$ $R3=89.4$ $R4=86.0$ $R5=84.7$ $R6=82.5$ $R7=88.7$ $R8=74.3$

$R9=19.0$ $R10=69.8$ $R11=86.2$ $R12=63.0$ $R13=85.2$ $R14=94.3$ $R15=79.8$

Optical Parameter

Luminous flux: 2627.03 lm luminous efficiency: 73.79 lm/w Radiant flux: 8.588 W

Electrical Parameter

Voltage: 240.6 V Current: 0.151 A Wate: 35.60 W Power factor: 0.973

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