



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

Spectral test report for lamp

Product type : LED Tube
Product No. : B8410-2-120BF
Manufacturer : BLED

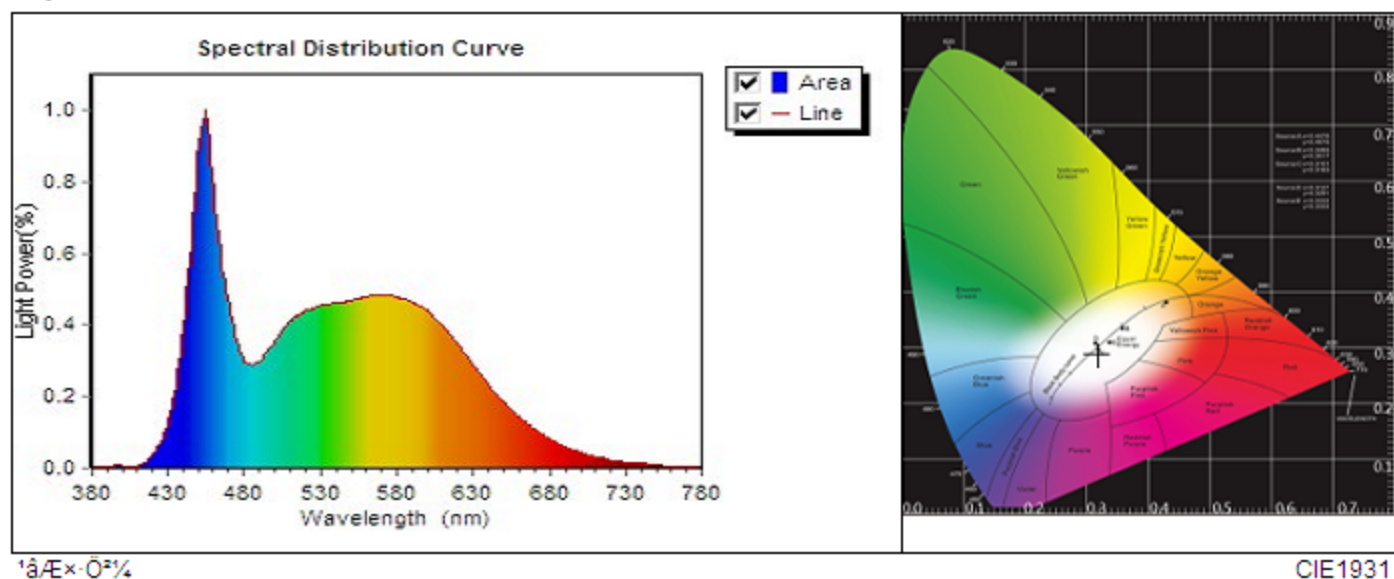
Test date. : 2024-08-12
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 45797 (69.9%)
Integral time. : 54ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3130$ $y=0.3300$ $u=0.1977$ $v=0.3126$ ($duv=0.0035$)
Color temperature: $TC=6484$ K Color difference: $SDCM=4.7$ Main Wavelength: $\lambda_d=483.06$ nm Purity: $Purity=0.354$
Peak wavelength: $\lambda_p=453.9$ nm FWHM: $\Delta\lambda_p=25.6$ nm Color ratio: $R=14.81\%$ $G=79.55\%$ $B=5.64\%$

Color rendering index (Ra): $Ra=84.6$

$R1=83.1$ $R2=91.0$ $R3=93.9$ $R4=82.6$ $R5=83.3$ $R6=85.5$ $R7=87.6$ $R8=69.4$
 $R9=9.3$ $R10=77.4$ $R11=82.2$ $R12=60.7$ $R13=86.4$ $R14=97.2$ $R15=78.2$

Optical Parameter

Luminous flux: 3526.188 lm luminous efficiency: 96.08 lm/w Radiant flux: 11.4338 W

Electrical Parameter

Voltage: 230.5 V Current: 0.164 A Watts: 36.70 W Power factor: 0.968

MEASUREFINE

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