



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED Tube
Product No. : B8430-150-NANO-BN
Manufacturer : BLED

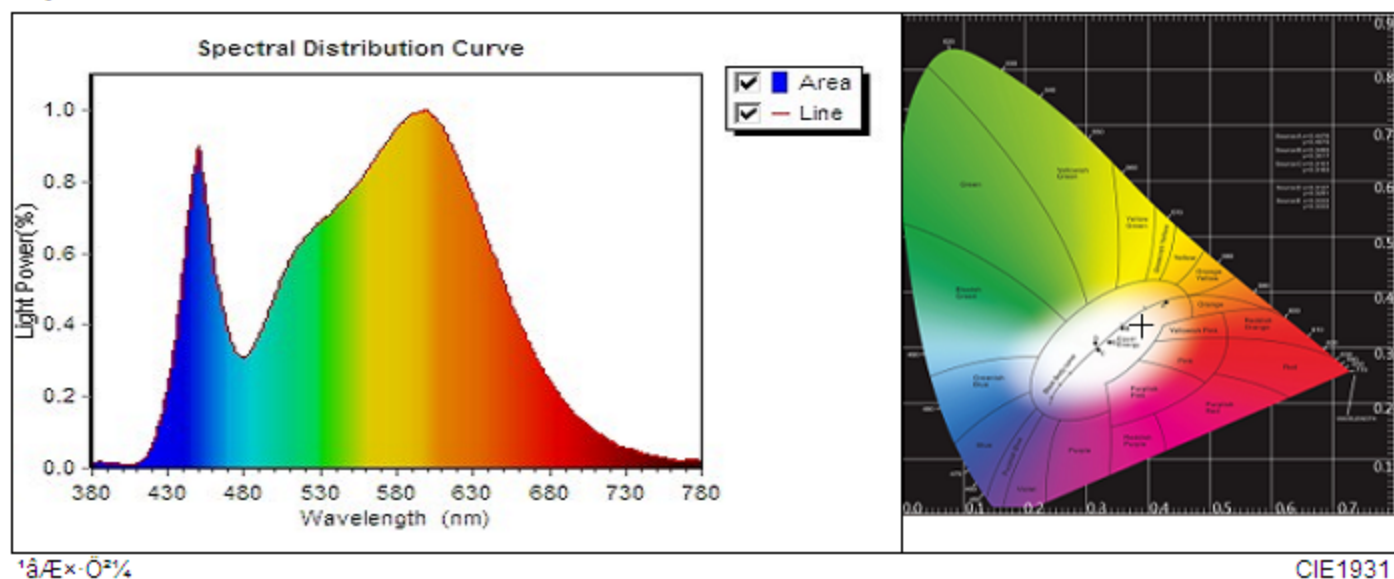
Test date. : 2024-10-14
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 56447 (86.1%)
Integral time. : 174ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3848$ $y=0.3796$ $u=0.2268$ $v=0.3357$ ($duv=0.0001$)
Color temperature: $TC=3905$ K Color difference: $SDCM=3.1$ Main Wavelength: $\lambda_d=484.1$ nm Purity: $Purity=0.158$
Peak wavelength: $\lambda_p=598.5$ nm FWHM: $\Delta\lambda_p=150.4$ nm Color ratio: $R=20.29\%$ $G=76.44\%$ $B=3.27\%$

Color rendering index (Ra): $Ra=84$

$R1=82.3$ $R2=89.9$ $R3=95.6$ $R4=83.3$ $R5=82.8$ $R6=86.4$ $R7=86.1$ $R8=65.1$
 $R9=10.8$ $R10=76.3$ $R11=82.8$ $R12=68.7$ $R13=84.7$ $R14=97.8$ $R15=76.0$

Optical Parameter

Luminous flux: 2069.77 lm luminous efficiency: 82.79 lm/w Radiant flux: 6.3652 W

Electrical Parameter

Voltage: 230.0 V Current: 0.179 A Watts: 25.00 W Power factor: 0.607

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