



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. : B8400-60-SA
Manufacturer : BLED

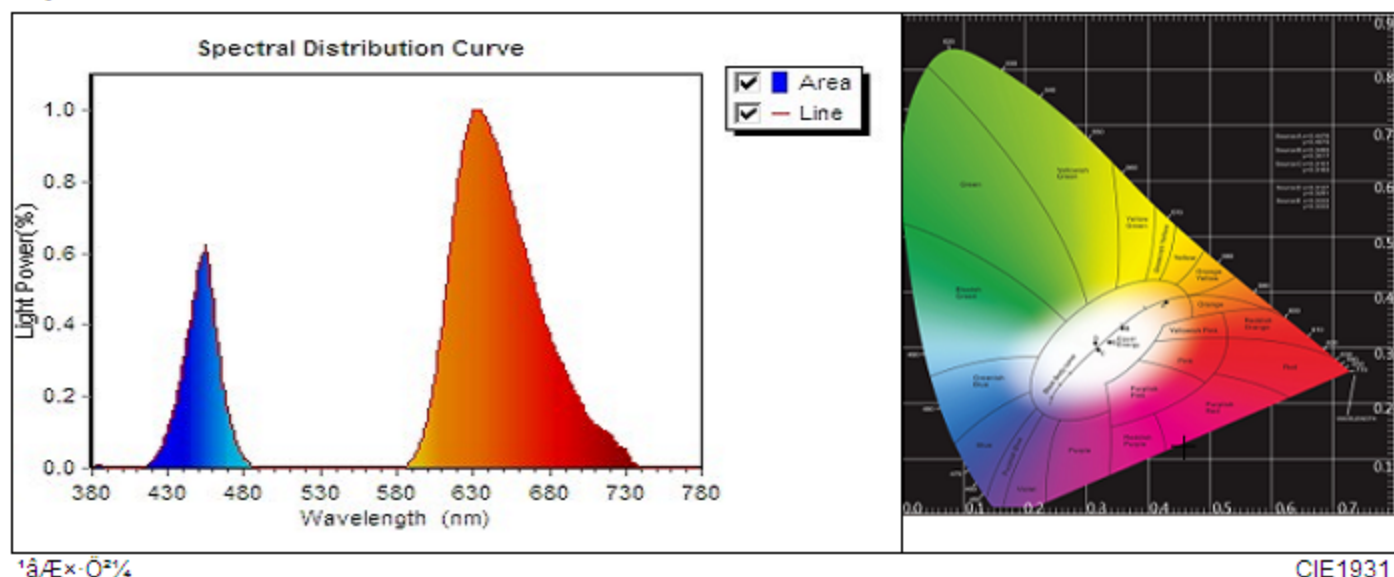
Test date. : 2024-07-22
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 50042 (76.4%)
Integral time. : 1179ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4511$ $y=0.1772$ $u=0.4271$ $v=0.2517$ ($duv=-0.1043$)
Color temperature: $TC=1054$ K Color difference: $SDCM=122.1$ Main Wavelength: $\lambda_d=549.9$ nm Purity: $Purity=0.74$
Peak wavelength: $\lambda_p=632.8$ nm FWHM: $\Delta\lambda_p=58.7$ nm Color ratio: $R=91.76\%$ $G=2.43\%$ $B=5.81\%$

Color rendering index (Ra): $Ra=-20.6$

$R1=86.7$ $R2=0.5$ $R3=-97.0$ $R4=-22.8$ $R5=54.3$ $R6=-107.8$ $R7=-58.3$ $R8=-20.4$
 $R9=-18.4$ $R10=-110.3$ $R11=11.3$ $R12=-511.5$ $R13=31.7$ $R14=-1.1$ $R15=79.4$

Optical Parameter

Luminous flux: 49.963 lm Luminous efficiency: 5.05 lm/w Radiant flux: 0.4645 W

Electrical Parameter

Voltage: 230.2 V Current: 0.079 A Watts: 9.90 W Power factor: 0.545

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