



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TUBO LED T8
Product No. : B4017-60-BF
Manufacturer : BLED

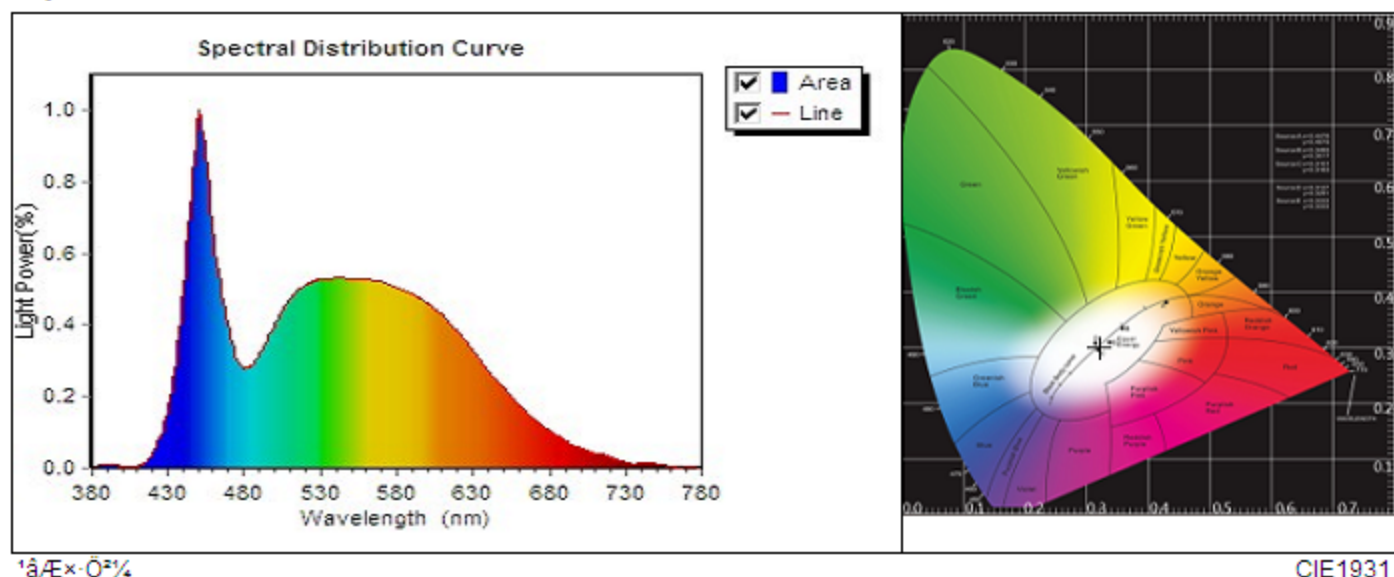
Test date. : 2024-12-23
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 46782 (71.4%)
Integral time. : 218ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3167$ $y=0.3419$ $u=0.1958$ $v=0.3171$ ($duv=0.0077$)
Color temperature: $TC=6222$ K Color difference: $SDCM=2.9$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.336$
Peak wavelength: $\lambda_p=450.8$ nm FWHM: $\Delta\lambda_p=24.9$ nm Color ratio: $R=14.69\%$ $G=80.30\%$ $B=5.02\%$

Color rendering index (Ra): $Ra=83.8$

$R1=81.3$ $R2=87.6$ $R3=92.3$ $R4=83.4$ $R5=82.2$ $R6=83.1$ $R7=89.2$ $R8=70.7$
 $R9=9.4$ $R10=70.9$ $R11=82.8$ $R12=61.0$ $R13=83.8$ $R14=96.0$ $R15=76.1$

Optical Parameter

Luminous flux: 985.341 lm luminous efficiency: 95.66 lm/w Radiant flux: 3.1461 W

Electrical Parameter

Voltage: 220.1 V Current: 0.087 A Watte: 10.30 W Power factor: 0.536

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