



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

Spectral test report for lamp

Product type : LED TUBE T8
Product No. : B4016-60-BF
Manufacturer : BLED

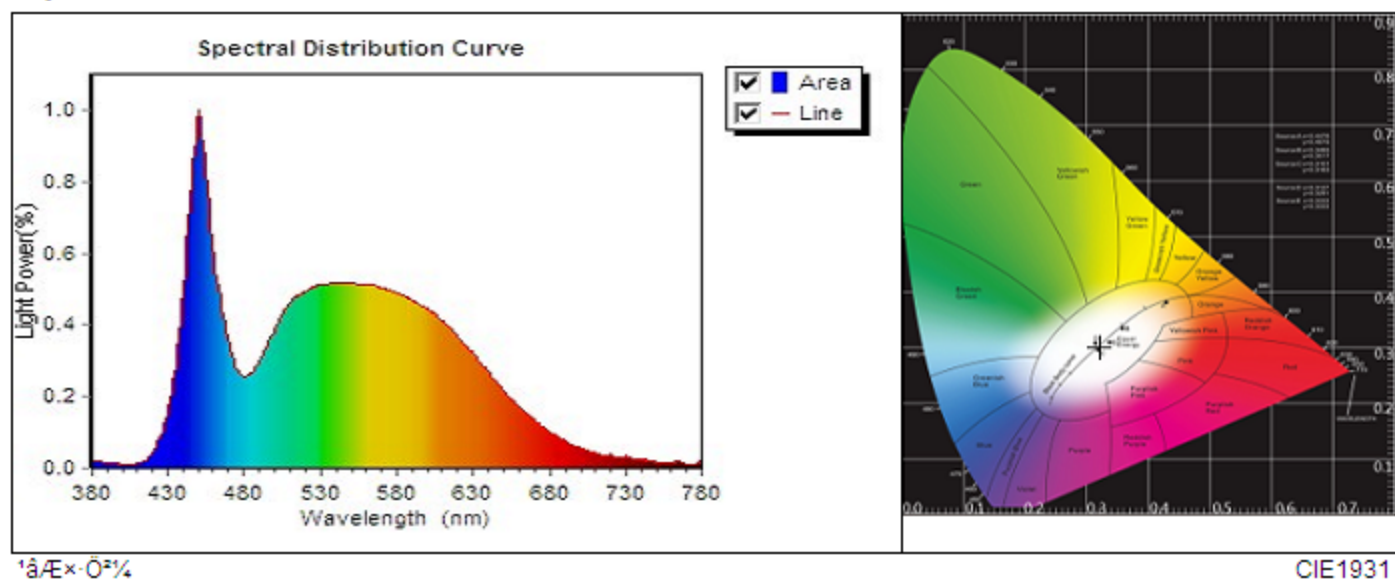
Test date. : 2023-05-25
Test equipment: SPEC2000A Spectrometer
Operator. : PIW22112B

Test Condition

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

Humidity : 65%
Peak AD. : 48643 (74.2%)
Integral time. : 189ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3171$ $y=0.3425$ $u=0.1959$ $v=0.3173$ ($duv=0.0078$)
Color temperature: $TC=6200$ K Color difference: $SDCM=3.2$ Main Wavelength: $\lambda_d=484.07$ nm Purity: $Purity=0.335$
Peak wavelength: $\lambda_p=450.2$ nm FWHM: $\Delta\lambda_p=22.9$ nm Color ratio: $R=14.65\%$ $G=80.47\%$ $B=4.88\%$

Color rendering index (Ra): $Ra=83.3$

$R1=80.9$ $R2=86.8$ $R3=91.3$ $R4=83.3$ $R5=81.9$ $R6=82.2$ $R7=89.1$ $R8=70.9$
 $R9=9.3$ $R10=69.1$ $R11=82.6$ $R12=60.3$ $R13=83.1$ $R14=95.5$ $R15=75.8$

Optical Parameter

Luminous flux: 1167.871 lm luminous efficiency: 105.21 lm/w Radiant flux: 3.7565 W

Electrical Parameter

Voltage: 230.2 V Current: 0.088 A Watts: 11.10 W Power factor: 0.543

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