



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED TUBE T8
Product No. : B4016-150-BF
Manufacturer : BLED

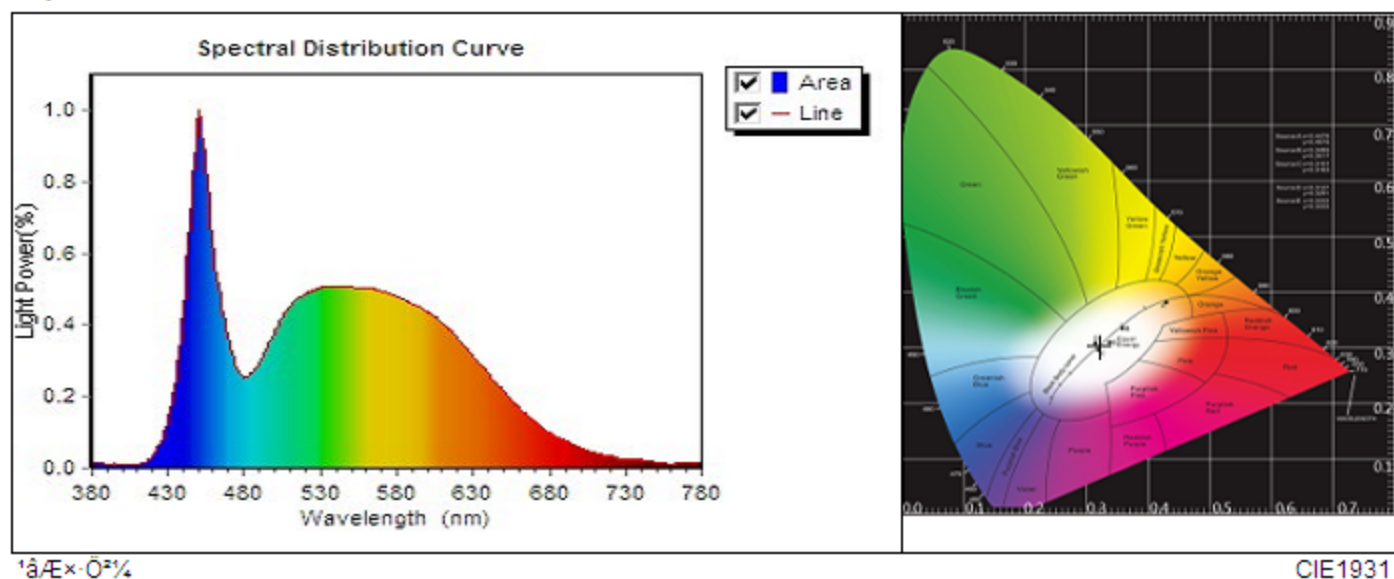
Test date. : 2023-05-25
Test equipment: SPEC2000A Spectrometer
Operator. : PIW22112B

Test Condition

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

Humidity : 65%
Peak AD. : 47812 (73.0%)
Integral time. : 77ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3176$ $y=0.3437$ $u=0.1958$ $v=0.3178$ ($duv=0.0082$)
Color temperature: $TC=6172$ K Color difference: $SDCM=3.7$ Main Wavelength: $\lambda_d=484.04$ nm Purity: $Purity=0.333$
Peak wavelength: $\lambda_p=450.6$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=14.69\%$ $G=80.38\%$ $B=4.93\%$

Color rendering index (Ra): $Ra=83.6$

$R1=81.1$ $R2=87.3$ $R3=92.0$ $R4=83.3$ $R5=81.9$ $R6=82.7$ $R7=89.3$ $R8=70.8$
 $R9=9.9$ $R10=70.3$ $R11=82.5$ $R12=59.6$ $R13=83.5$ $R14=95.9$ $R15=75.9$

Optical Parameter

Luminous flux: 2791.897 lm luminous efficiency: 124.64 lm/w Radiant flux: 8.9488 W

Electrical Parameter

Voltage: 230.1 V Current: 0.167 A Watts: 22.40 W Power factor: 0.582

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