



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

Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : BPT-38W-SWITCH-CCT-B (BF)
Manufacturer : BLED

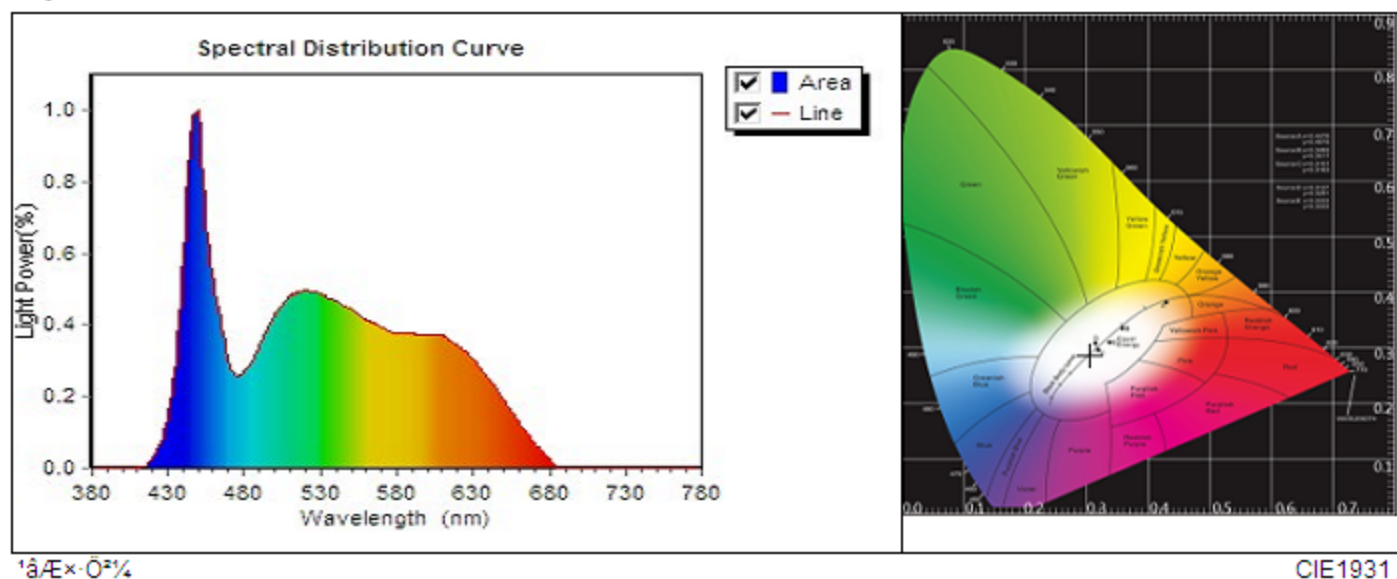
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 44873 (68.5%)
Integral time. : 61ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3017$ $y=0.3289$ $u=0.1903$ $v=0.3111$ ($duv=0.0088$)
Color temperature: $TC=7124$ K Color difference: $SDCM=8.1$ Main Wavelength: $\lambda_d=483.02$ nm Purity: $Purity=0.377$
Peak wavelength: $\lambda_p=447.8$ nm FWHM: $\Delta\lambda_p=21.3$ nm Color ratio: $R=14.80\%$ $G=79.53\%$ $B=5.67\%$

Color rendering index (Ra): $Ra=89.2$

$R1=88.6$ $R2=90.4$ $R3=92.6$ $R4=90.4$ $R5=88.9$ $R6=87.9$ $R7=93.1$ $R8=81.0$
 $R9=36.8$ $R10=78.1$ $R11=89.8$ $R12=67.5$ $R13=89.7$ $R14=96.2$ $R15=83.9$

Optical Parameter

Luminous flux: 2839.319 lm luminous efficiency: 81.12 lm/w Radiant flux: 9.1414 W

Electrical Parameter

Voltage: 230.5 V Current: 0.176 A Watts: 35.00 W Power factor: 0.861

MEASUREFINE

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