



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : BPT-40W-CCT-N (BF)
Manufacturer : BLED

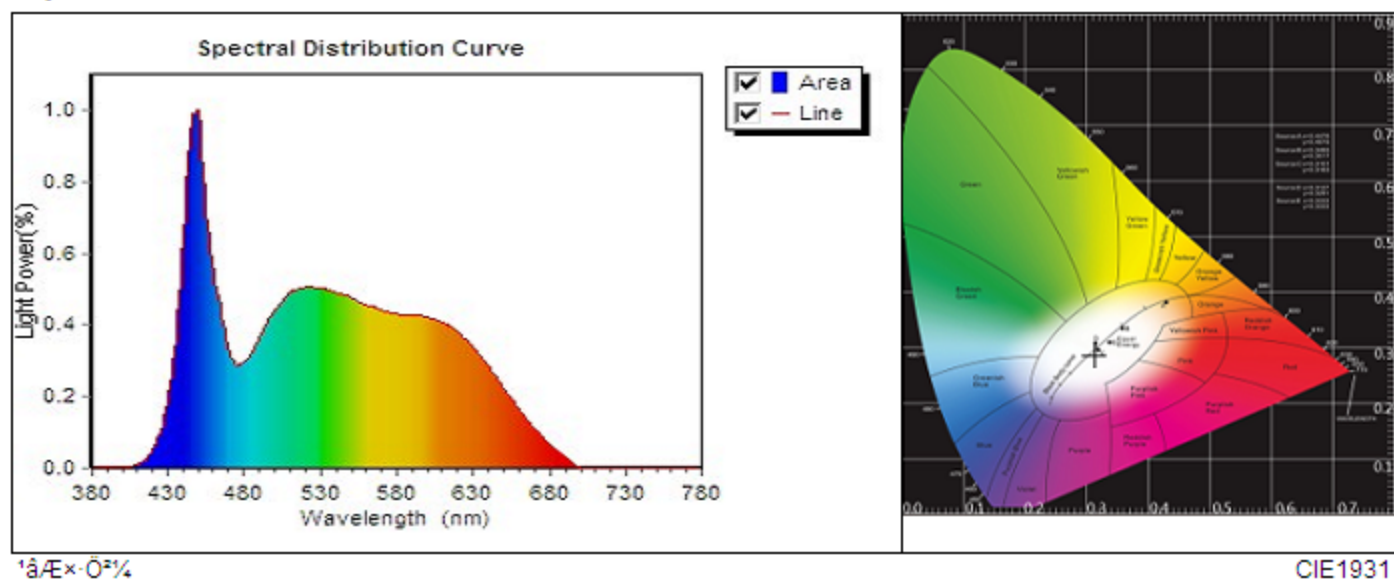
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 56262 (85.9%)
Integral time. : 73ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3081$ $y=0.3288$ $u=0.1947$ $v=0.3117$ ($duv=0.0054$)
Color temperature: $TC=6758$ K Color difference: $SDCM=4.3$ Main Wavelength: $\lambda_d=483.03$ nm Purity: $Purity=0.365$
Peak wavelength: $\lambda_p=447.7$ nm FWHM: $\Delta\lambda_p=23.2$ nm Color ratio: $R=15.33\%$ $G=79.07\%$ $B=5.60\%$

Color rendering index (Ra): $Ra=89.8$

$R1=89.7$ $R2=91.5$ $R3=92.8$ $R4=91.3$ $R5=90.2$ $R6=88.6$ $R7=92.5$ $R8=81.6$
 $R9=40.8$ $R10=79.9$ $R11=91.5$ $R12=71.2$ $R13=90.8$ $R14=96.2$ $R15=85.7$

Optical Parameter

Luminous flux: 3289.827 lm luminous efficiency: 73.93 lm/w Radiant flux: 10.7445 W

Electrical Parameter

Voltage: 230.7 V Current: 0.195 A Watts: 44.50 W Power factor: 0.989

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