



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 (BN)
Manufacturer : BLED

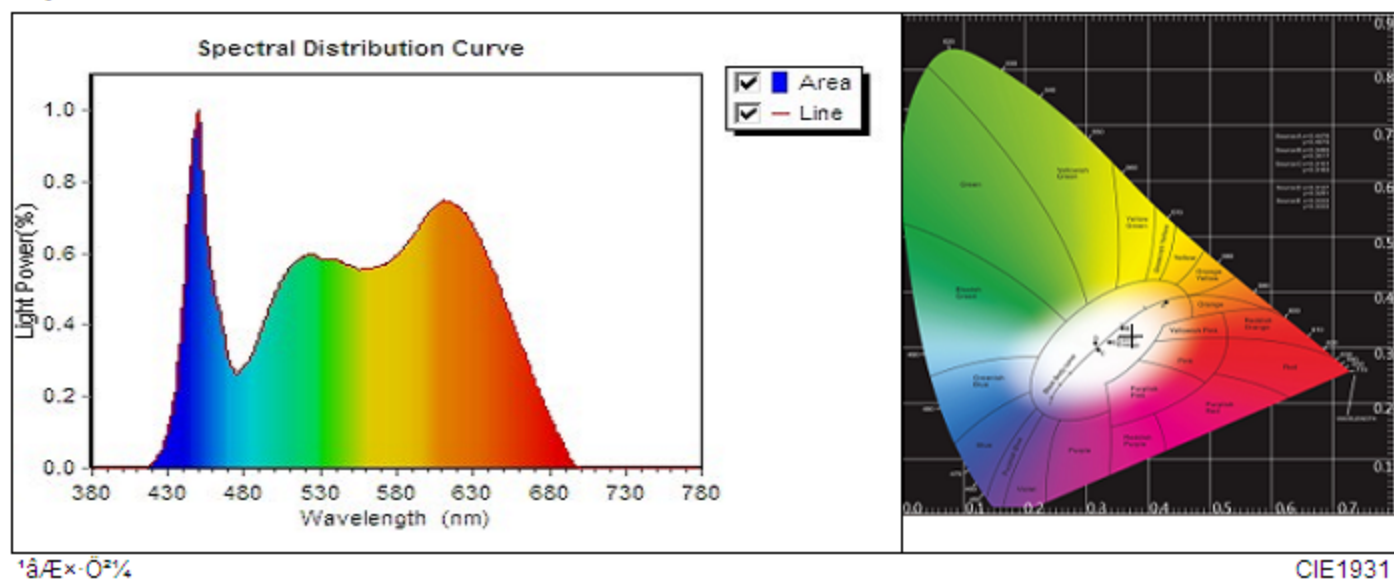
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 31936 (48.7%)
Integral time. : 61ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3668$ $y=0.3624$ $u=0.2218$ $v=0.3287$ ($duv=-0.0026$)
Color temperature: $TC=4299$ K Color difference: $SDCM=7.0$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.211$
Peak wavelength: $\lambda_p=448.8$ nm FWHM: $\Delta\lambda_p=19.6$ nm Color ratio: $R=21.55\%$ $G=74.37\%$ $B=4.09\%$

Color rendering index (Ra): $Ra=96.1$

$R1=98.4$ $R2=98.5$ $R3=96.7$ $R4=96.1$ $R5=99.3$ $R6=95.5$ $R7=94.8$ $R8=89.2$
 $R9=71.1$ $R10=96.3$ $R11=91.8$ $R12=80.2$ $R13=98.9$ $R14=97.5$ $R15=96.0$

Optical Parameter

Luminous flux: 2874.363 lm luminous efficiency: 90.11 lm/w Radiant flux: 9.0783 W

Electrical Parameter

Voltage: 230.4 V Current: 0.161 A Watts: 31.90 W Power factor: 0.855

MEASUREFINE

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