



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

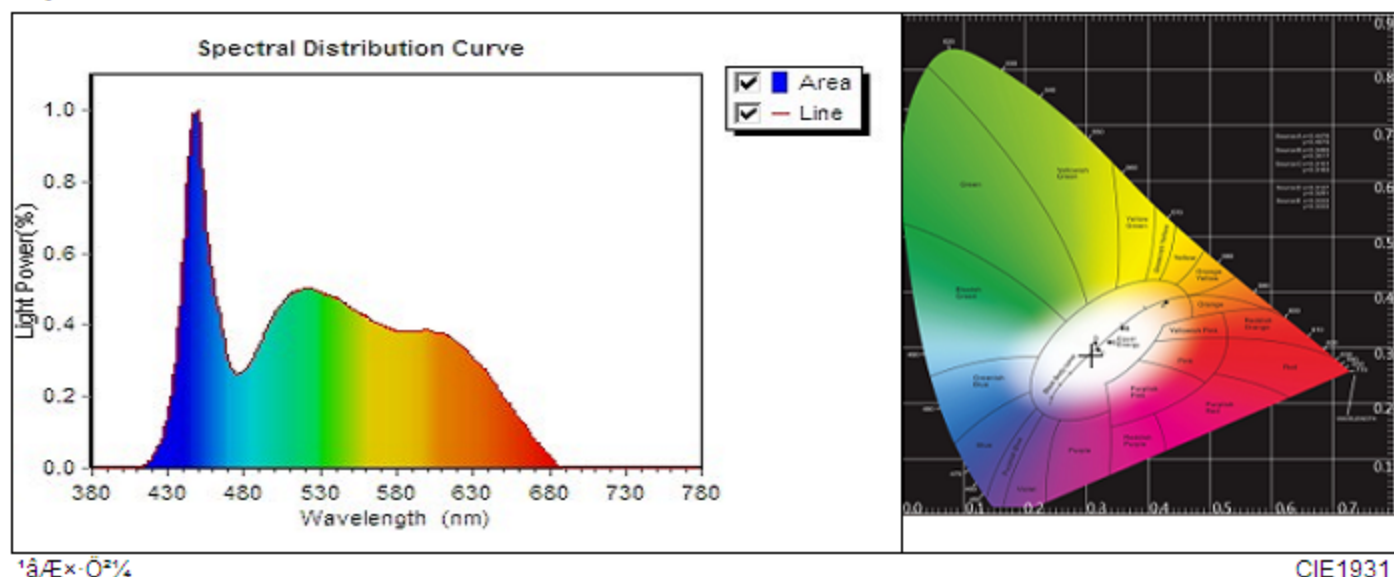
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 47678 (72.8%)
Integral time. : 61ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3031$ $y=0.3295$ $u=0.1910$ $v=0.3115$ ($duv=0.0084$)
Color temperature: $TC=7038$ K Color difference: $SDCM=7.1$ Main Wavelength: $\lambda_d=483.04$ nm Purity: $Purity=0.374$
Peak wavelength: $\lambda_p=447.7$ nm FWHM: $\Delta\lambda_p=21.4$ nm Color ratio: $R=14.96\%$ $G=79.41\%$ $B=5.63\%$

Color rendering index (Ra): $Ra=89.5$

$R1=89.1$ $R2=90.7$ $R3=92.5$ $R4=90.8$ $R5=89.4$ $R6=88.2$ $R7=93.1$ $R8=81.7$
 $R9=39.0$ $R10=78.6$ $R11=90.1$ $R12=68.3$ $R13=90.2$ $R14=96.2$ $R15=84.6$

Optical Parameter

Luminous flux: 3098.303 lm luminous efficiency: 80.68 lm/w Radiant flux: 10.0002 W

Electrical Parameter

Voltage: 230.5 V Current: 0.195 A Watts: 38.40 W Power factor: 0.852

MEASUREFINE

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