



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

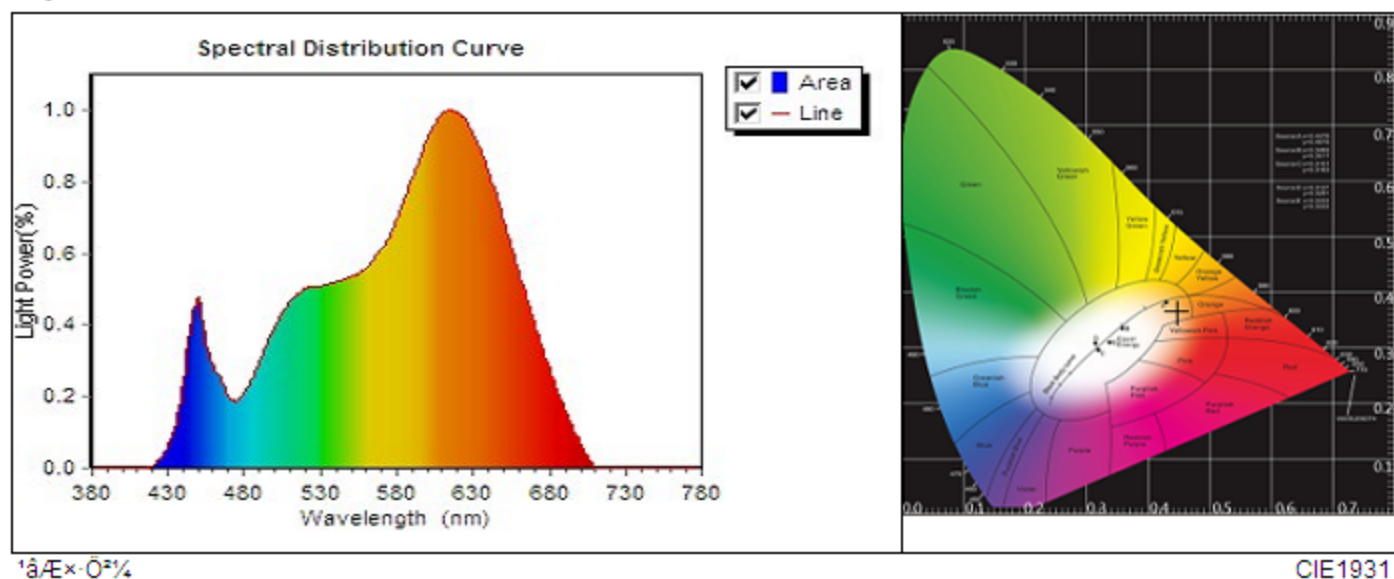
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 31109 (47.5%)
Integral time. : 69ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4399$ $y=0.4009$ $u=0.2539$ $v=0.3471$ ($duv=-0.0016$)
Color temperature: $TC=2925$ K Color difference: $SDCM=1.1$ Main Wavelength: $\lambda_d=479.08$ nm Purity: $Purity=0.022$
Peak wavelength: $\lambda_p=614.5$ nm FWHM: $\Delta\lambda_p=144.1$ nm Color ratio: $R=27.45\%$ $G=69.91\%$ $B=2.64\%$

Color rendering index (Ra): $Ra=94.1$

$R1=97.3$ $R2=99.2$ $R3=96.8$ $R4=98.0$ $R5=98.7$ $R6=94.1$ $R7=89.4$ $R8=78.8$
 $R9=53.9$ $R10=99.0$ $R11=94.3$ $R12=91.9$ $R13=99.2$ $R14=98.9$ $R15=89.9$

Optical Parameter

Luminous flux: 2504.259 lm luminous efficiency: 72.59 lm/w Radiant flux: 7.8183 W

Electrical Parameter

Voltage: 230.4 V Current: 0.176 A Watts: 34.50 W Power factor: 0.852

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