



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PROYECTOR TRIFÁSICO
Product No. : BPT-35W-RZOOM-B-4K
Manufacturer : BLED

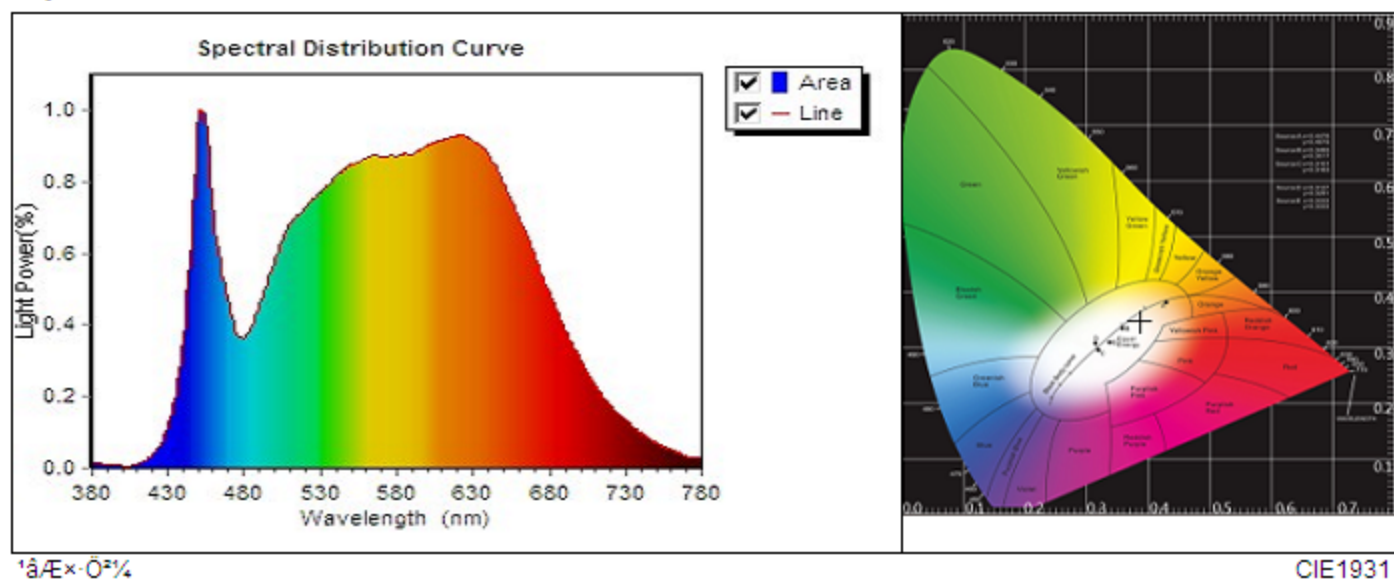
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 55972 (85.4%)
Integral time. : 99ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3819$ $y=0.3853$ $u=0.2227$ $v=0.3370$ ($duv=0.0035$)
Color temperature: $TC=4021$ K Color difference: $SDCM=2.1$ Main Wavelength: $\lambda_d=486.01$ nm Purity: $Purity=0.162$
Peak wavelength: $\lambda_p=452.4$ nm FWHM: $\Delta\lambda_p=24.1$ nm Color ratio: $R=20.68\%$ $G=75.69\%$ $B=3.63\%$

Color rendering index (Ra): $Ra=92.5$

$R1=92.2$ $R2=94.1$ $R3=94.9$ $R4=92.5$ $R5=90.9$ $R6=90.9$ $R7=96.2$ $R8=88.0$
 $R9=67.7$ $R10=85.4$ $R11=92.1$ $R12=68.7$ $R13=92.8$ $R14=96.9$ $R15=90.0$

Optical Parameter

Luminous flux: 4039.686 lm luminous efficiency: 107.44 lm/w Radiant flux: 13.7158 W

Electrical Parameter

Voltage: 230.7 V Current: 0.165 A Watts: 37.60 W Power factor: 0.986

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