



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

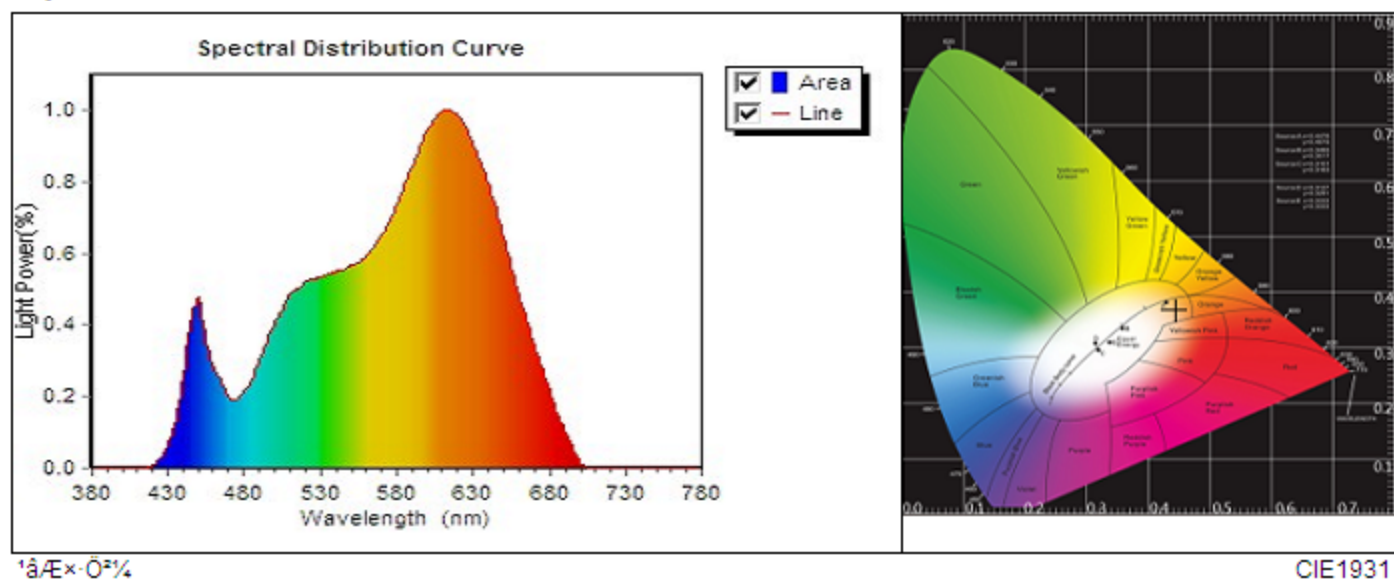
Test date. : 2024-09-20
Test equipment : SPEC2000A Spectrometer
Operator : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 34444 (52.6%)
Integral time. : 61ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4366$ $y=0.4052$ $u=0.2499$ $v=0.3478$ ($duv=0.0005$)
Color temperature: $TC=3015K$ Color difference: $SDCM=3.0$ Main Wavelength: $\lambda_d=488.07nm$ Purity: $Purity=0.027$
Peak wavelength: $\lambda_p=612.0 nm$ FWHM: $\lambda_p=143.8 nm$ Color ratio: $R=26.34\%$ $G=71.07\%$ $B=2.59\%$

Color rendering index (Ra): $Ra=92.6$

$R1=93.9$ $R2=97.8$ $R3=97.8$ $R4=95.7$ $R5=94.9$ $R6=96.9$ $R7=88.6$ $R8=74.4$
 $R9=41.9$ $R10=95.0$ $R11=97.9$ $R12=89.3$ $R13=96.2$ $R14=99.4$ $R15=85.7$

Optical Parameter

Luminous flux: $3137.675 lm$ luminous efficiency: $73.48 lm/w$ Radiant flux: $9.4155 W$

Electrical Parameter

Voltage: $230.8 V$ Current: $0.187 A$ Watts: $42.70 W$ Power factor: 0.988

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