



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED MAGNETIC RAIL PROJECTOR
Product No. : PMC-6W-N-BN
Manufacturer : BL20220324HT

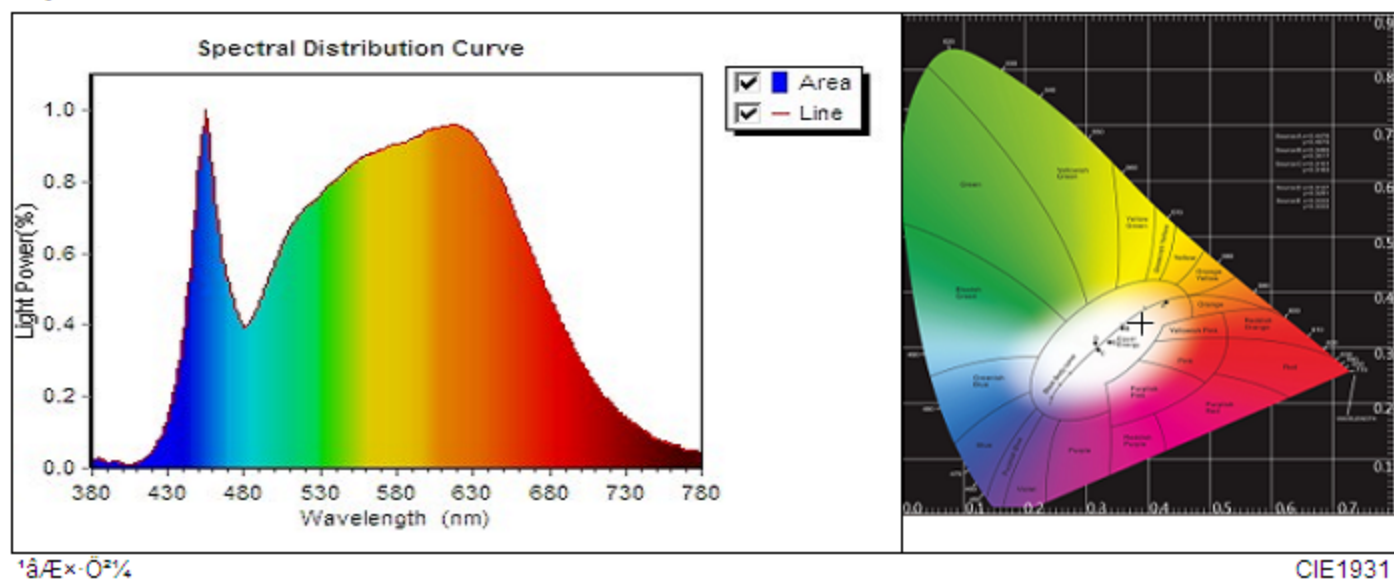
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 51130 (78.0%)
Integral time. : 646ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3835$ $y=0.3833$ $u=0.2245$ $v=0.3366$ ($duv=0.0021$)
Color temperature: $TC=3966$ K Color difference: $SDCM=1.7$ Main Wavelength: $\lambda_d=485.02$ nm Purity: $Purity=0.159$
Peak wavelength: $\lambda_p=454.6$ nm FWHM: $\Delta\lambda_p=27.9$ nm Color ratio: $R=20.95\%$ $G=75.32\%$ $B=3.73\%$

Color rendering index (Ra): $Ra=92.4$

$R1=92.0$ $R2=95.0$ $R3=96.5$ $R4=91.6$ $R5=90.9$ $R6=92.1$ $R7=94.6$ $R8=85.6$
 $R9=63.3$ $R10=87.2$ $R11=91.4$ $R12=71.0$ $R13=93.1$ $R14=97.8$ $R15=89.5$

Optical Parameter

Luminous flux: 503.099 lm luminous efficiency: 64.5 lm/w Radiant flux: 1.7147 W

Electrical Parameter

Voltage: 230.2 V Current: 0.066 A Watts: 7.80 W Power factor: 0.513

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