



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED MAGNETIC RAIL PROJECTOR
Product No. : PMC-18W-N-BN
Manufacturer : BL20220324HT

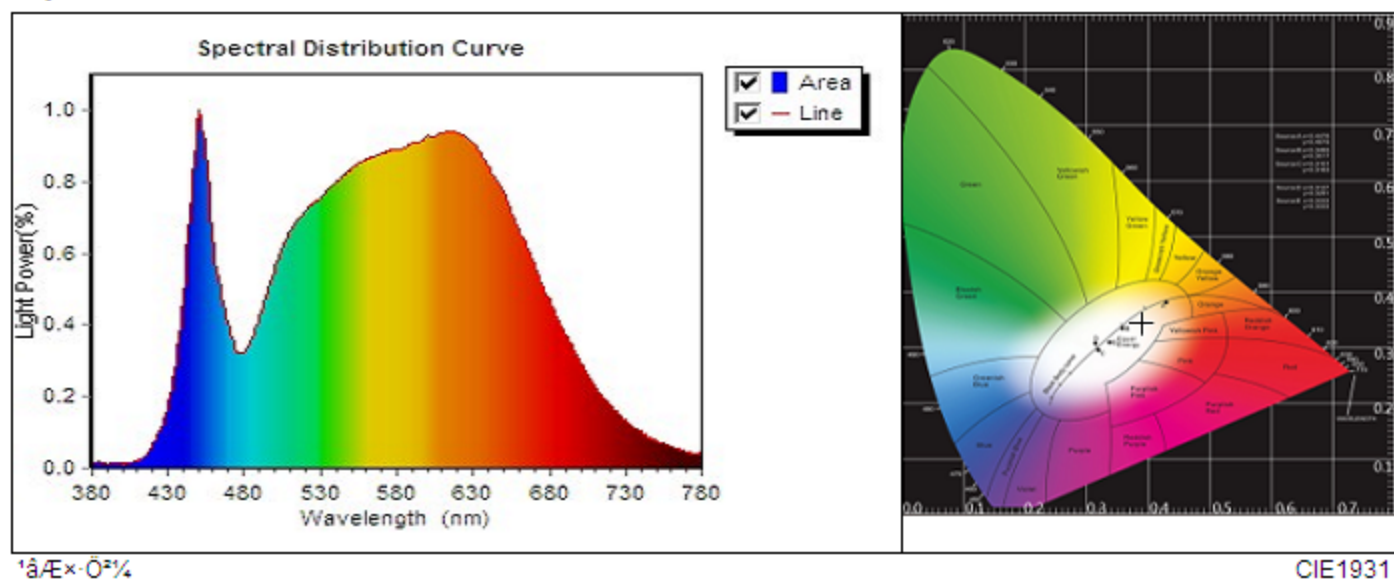
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 53799 (82.1%)
Integral time. : 240ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3839$ $y=0.3827$ $u=0.2250$ $v=0.3364$ ($duv=0.0018$)
Color temperature: $TC=3953$ K Color difference: $SDCM=1.8$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.158$
Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\Delta\lambda_p=23.5$ nm Color ratio: $R=20.87\%$ $G=75.73\%$ $B=3.40\%$

Color rendering index (Ra): $Ra=91.1$

$R1=90.8$ $R2=92.9$ $R3=93.9$ $R4=91.8$ $R5=90.1$ $R6=89.5$ $R7=94.4$ $R8=85.0$
 $R9=59.9$ $R10=82.7$ $R11=91.4$ $R12=70.9$ $R13=91.4$ $R14=96.3$ $R15=88.4$

Optical Parameter

Luminous flux: 1465.141 lm luminous efficiency: 79.2 lm/w Radiant flux: 4.9598 W

Electrical Parameter

Voltage: 229.9 V Current: 0.148 A Watts: 18.50 W Power factor: 0.541

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