



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

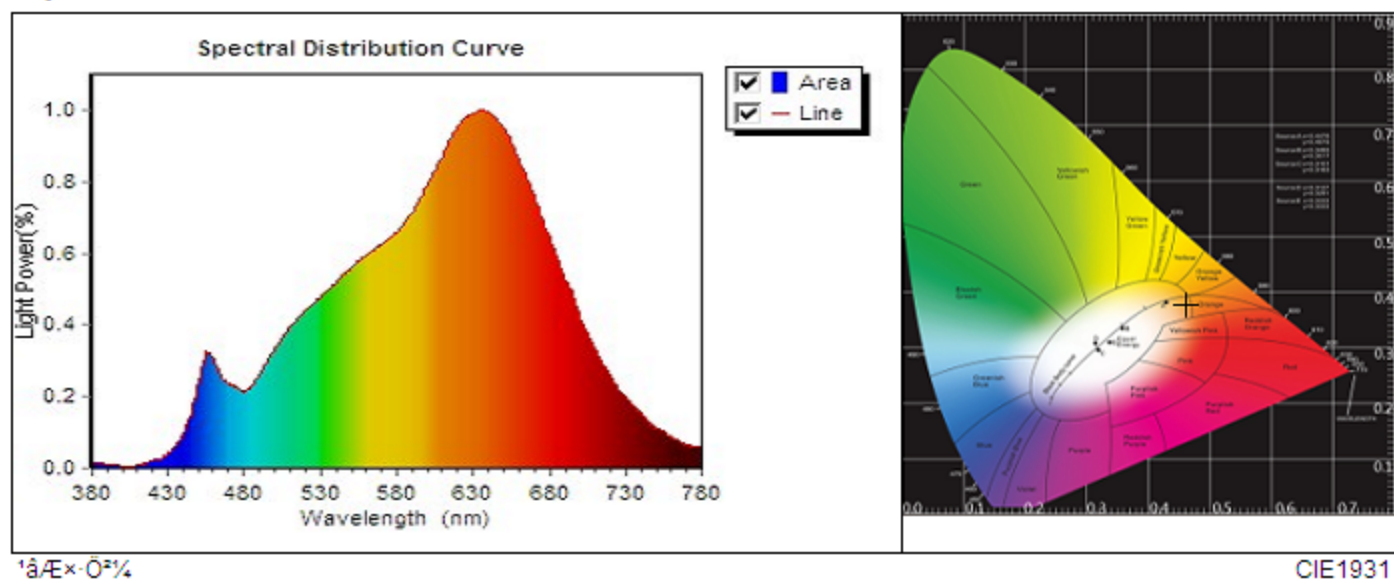
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 47865 (73.0%)
Integral time. : 826ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4561$ $y=0.4142$ $u=0.2585$ $v=0.3521$ ($duv=0.0017$)
Color temperature: $TC=2781$ K Color difference: $SDCM=3.9$ Main Wavelength: $\lambda_d=580.06$ nm Purity: $Purity=0.107$
Peak wavelength: $\lambda_p=635.8$ nm FWHM: $\Delta\lambda_p=158.7$ nm Color ratio: $R=27.98\%$ $G=69.56\%$ $B=2.46\%$

Color rendering index (Ra): $Ra=98.2$

$R1=99.5$ $R2=99.5$ $R3=97.5$ $R4=98.6$ $R5=98.7$ $R6=98.6$ $R7=97.4$ $R8=95.5$
 $R9=89.4$ $R10=97.6$ $R11=97.8$ $R12=87.4$ $R13=99.5$ $R14=97.5$ $R15=97.3$

Optical Parameter

Luminous flux: 360.241 lm luminous efficiency: 49.35 lm/w Radiant flux: 1.3747 W

Electrical Parameter

Voltage: 230.3 V Current: 0.062 A Watts: 7.30 W Power factor: 0.509

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