



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : CAMPANA INDUSTRIAL
Product No. : B8155-200W-3CCT (BN)
Manufacturer : BLED

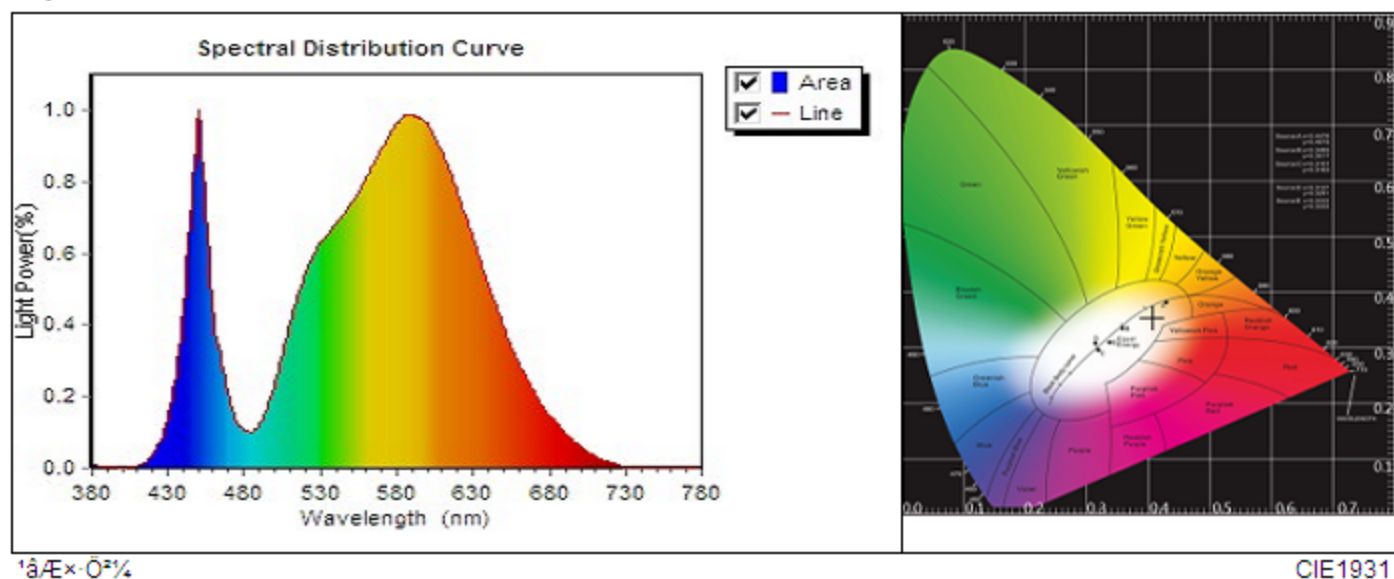
Test date. : 2024-09-25
Test equipment : SPEC2000A Spectrometer
Operator. : VICTOR

Test Condition

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

Humidity : 65%
Peak AD. : 55993 (85.4%)
Integral time. : 10ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4008$ $y=0.3920$ $u=0.2323$ $v=0.3407$ ($duv=0.0016$)
Color temperature: $TC=3610$ K Color difference: $SDCM=4.5$ Main Wavelength: $\lambda_d=486.09$ nm Purity: $Purity=0.115$
Peak wavelength: $\lambda_p=449.8$ nm FWHM: $\Delta\lambda_p=17.0$ nm Color ratio: $R=19.80\%$ $G=78.31\%$ $B=1.89\%$

Color rendering index (Ra): $Ra=72.3$

$R1=69.1$ $R2=80.0$ $R3=89.2$ $R4=70.9$ $R5=68.6$ $R6=71.6$ $R7=80.1$ $R8=48.5$
 $R9=-33.9$ $R10=53.0$ $R11=67.0$ $R12=42.2$ $R13=71.9$ $R14=93.8$ $R15=61.7$

Optical Parameter

Luminous flux: 33290.68 lm luminous efficiency: 165.54 lm/w Radiant flux: 91.7296 W

Electrical Parameter

Voltage: 231.8 V Current: 0.885 A Watts: 201.10 W Power factor: 0.980

MEASUREFINE

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