

Ultraviolet LED Strip 420nm

LED Test Report

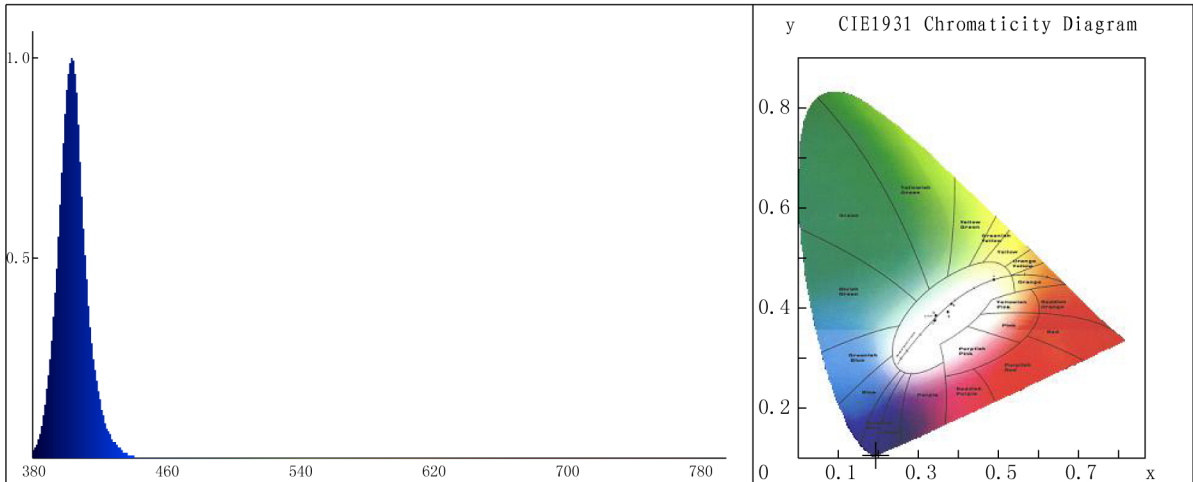
Product Mark

Product Type : UV Light

Temperature : 25°C

Humidity : 65%

Test Date 2012-05-09



Chroma Parameters

Chro. Coord.: $x = 0.1714$ $y = 0.0056$ $u = 0.2517$ $v = 0.0123$ $duv = -0.0798$

CCT: $T_c = 50000K$ Dominant Wave.: 422.1nm Purity: 99.9%

R ratio: $R = 0.0$ Peak Wave.: 402.7nm Half Width: 16.9nm

Rending Index $R_a = -83.1$

$R_1 = -29$ $R_2 = -92$ $R_3 = -194$ $R_4 = -116$ $R_5 = 9$

$R_6 = -81$ $R_7 = -92$ $R_8 = -64$ $R_9 = -294$ $R_{10} = -347$

$R_{11} = -125$ $R_{12} = -124$ $R_{13} = -71$ $R_{14} = -54$ $R_{15} = -32$

Photo Parameters

Flux: 1.460lm Effi.: 0.01m/W Radiant: 33.7mW Iv: 0.0mcd

Ele. Parameters

Forward Current: $I_f = 350.0mA$ Forward Voltage: $V_f = 3.16V$

Reverse Voltage: $V_r = 5.00V$ Reverse Current: $I_r = 0.00\mu A$

Instrument state

IntgTime: 2.407ms

VPeak: 14023

VDark: 1402

Scan Range: 380-780nm