

CLZWET-1 (BLUE)

Model No.:

Sample SN:

Manufacturer: FC LIGHTING

Tested By: 132

Description:

Test Report No.: 6876

Date: 03-22-2023

Reviewed By: 001

Test Condition

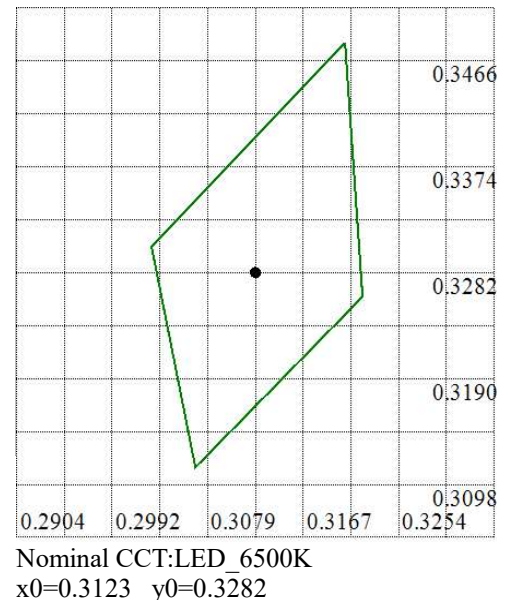
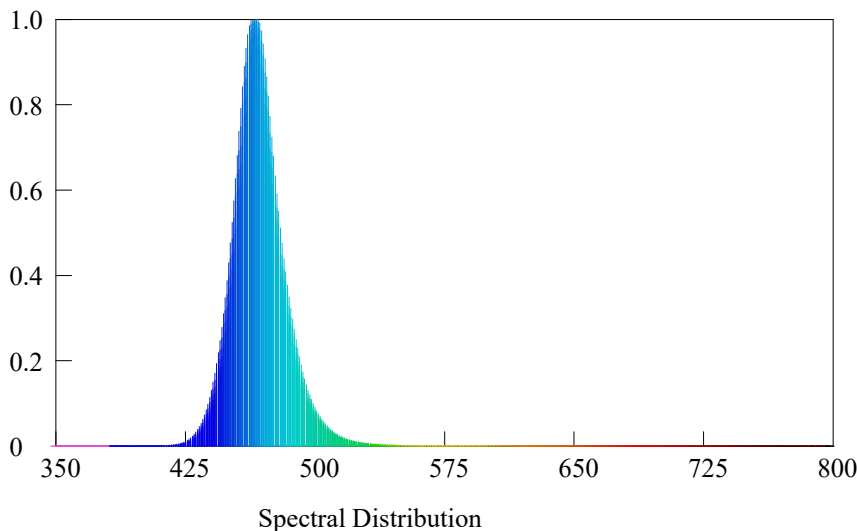
Temperature: °C

RH: %

Spectrum Range: 350-800 nm

Scan Step: 1 nm

Spectroradiometric Parameters



Chromaticity Coordinates: $x=0.1293$ $y=0.0708$ $u'=0.144$ $v'=0.1774$

Correlated Color Temperature: 30000 K

Dominant Wavelength: 470.0 nm(E)

Colour Fidelity Index: $R_f=0$

Gamut Index: $R_g=0$

Luminous Flux: 143.89 lm

Purity: 0.9611

Chromaticity Difference: -0.15864Duv

Peak Wavelength: 467.0 nm

Color Ratio: $K_r=0.3\%$ $K_g=5.6\%$ $K_b=94.1\%$

Bandwidth: 26nm

Radiant Flux: 2.931 W

Photosynthetically Active Radiation(PAR): 2.93W

Photosynthetic Photon Flux(PPF):11.58 μ mol/s

Rendering Index: $R_a=-48.6$

$R_1=-25$ $R_2=-39$ $R_3=-116$ $R_4=-77$ $R_5=-7$ $R_6=-55$ $R_7=-37$ $R_8=-33$

$R_9=-308$ $R_{10}=-213$ $R_{11}=-113$ $R_{12}=-103$ $R_{13}=-40$ $R_{14}=-21$ $R_{15}=-6$ $R_e=-79$

Electric Parameters

Voltage: 120.070 V

Current: 0.077 A

Power Factor: 0.98

Power: 9.10 W

Luminous Efficacy: 15.8 lm/W

SENSING Instruments Co.,Ltd