

CLZWET-1 (GREEN)

Model No.:

Sample SN:

Manufacturer: FC LIGHTING

Tested By: 132

Description:

Test Report No.: 6875

Date: 03-22-2023

Reviewed By: 001

Test Condition

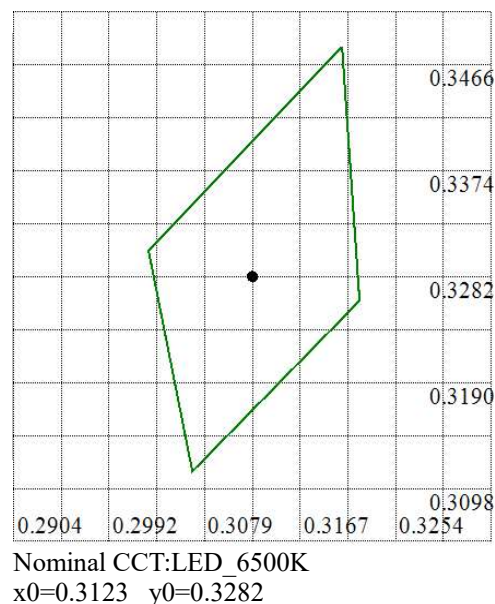
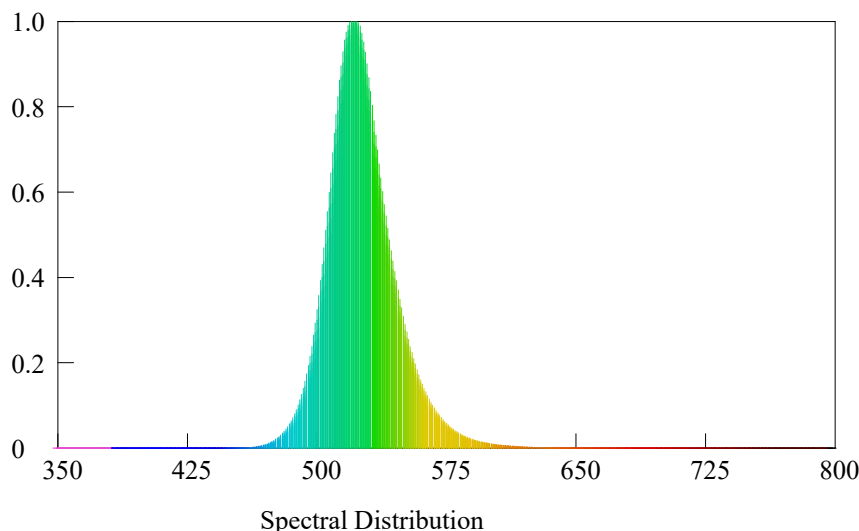
Temperature: °C

Spectrum Range: 350-800 nm

RH: %

Scan Step: 1 nm

Spectroradiometric Parameters



Chromaticity Coordinates: $x=0.1842$ $y=0.7302$ $u'=0.0647$ $v'=0.5768$

Correlated Color Temperature: 7572 K

Colour Fidelity Index: $R_f=0$

Luminous Flux: 549.77 lm

Chromaticity Difference: $+0.15418\text{Duv}$

Color Ratio: $K_r=1.7\%$ $K_g=79.8\%$ $K_b=18.4\%$

Bandwidth: 33.5nm

Photosynthetically Active Radiation(PAR): 1.48W

Rendering Index: $R_a=-26.8$

$R_1=-36$ $R_2=-10$ $R_3=-25$ $R_4=-68$ $R_5=-11$ $R_6=-16$ $R_7=-11$ $R_8=-37$

$R_9=-365$ $R_{10}=-108$ $R_{11}=-99$ $R_{12}=-33$ $R_{13}=-38$ $R_{14}=39$ $R_{15}=-35$ $R_e=-57$

Dominant Wavelength: 530.0 nm(E)

Gamut Index: $R_g=0$

Purity: 0.8393

Peak Wavelength: 523.0 nm

Radiant Flux: 1.485 W

Photosynthetic Photon Flux(PPF): $6.59\mu\text{mol/s}$

Electric Parameters

Voltage: 120.070 V

Power Factor: 0.98

Current: 0.077 A

Power: 9.04 W

Luminous Efficacy: 60.8 lm/W

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