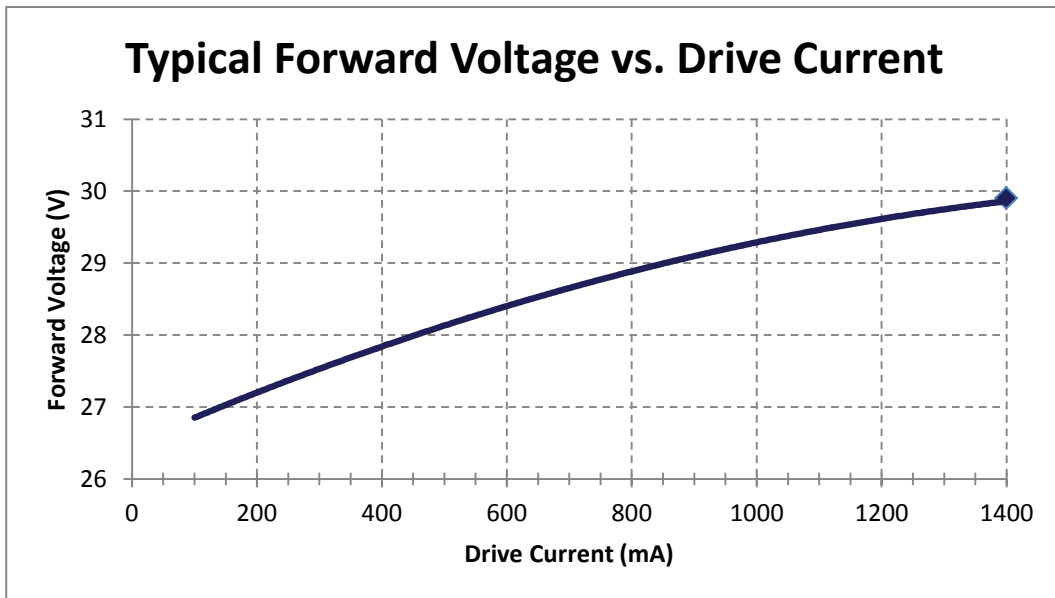
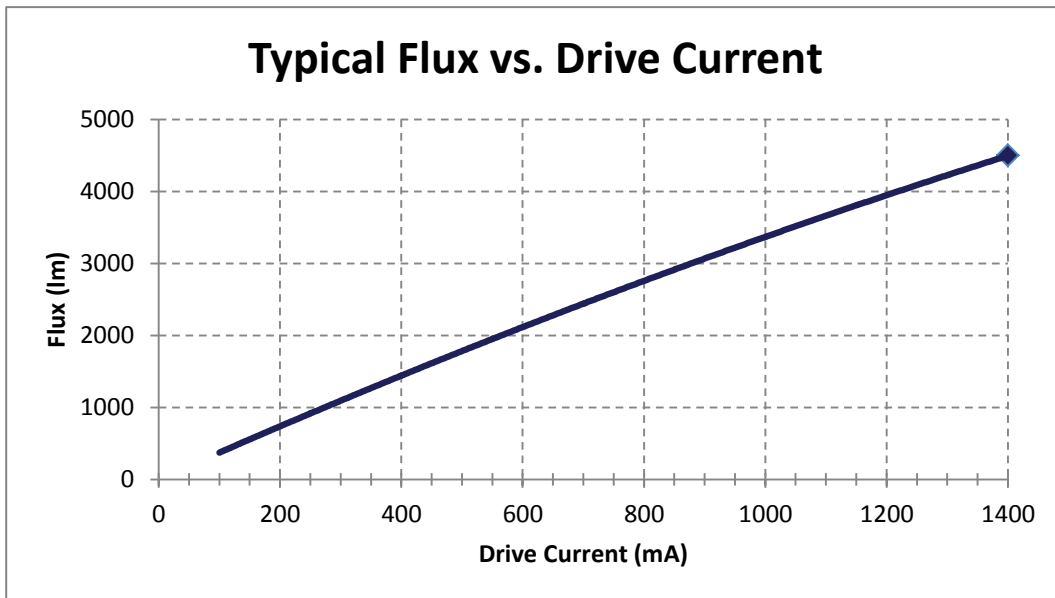


Module Performance Graphs

5/18/2018

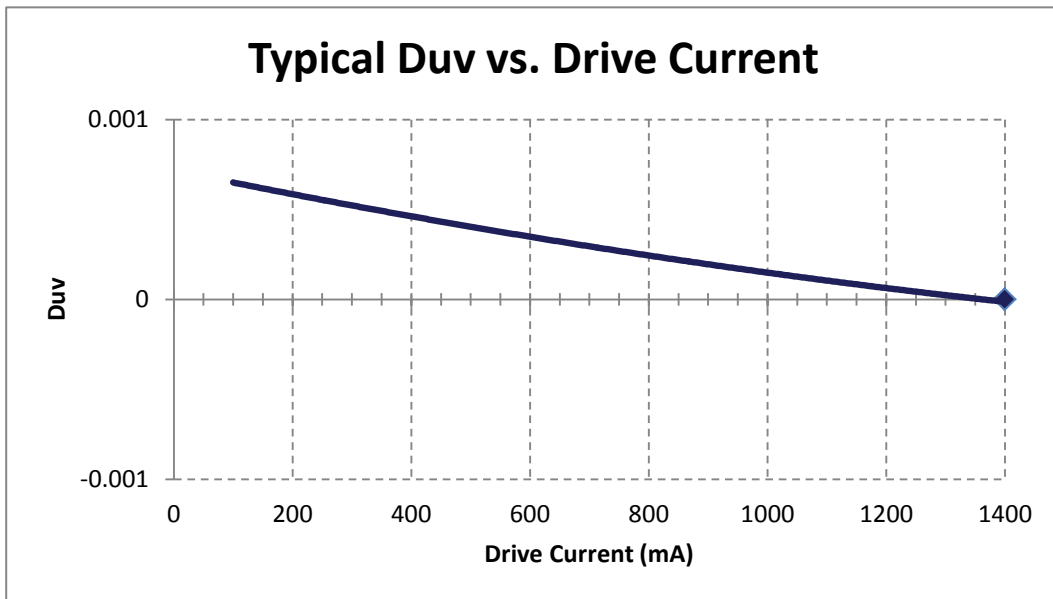
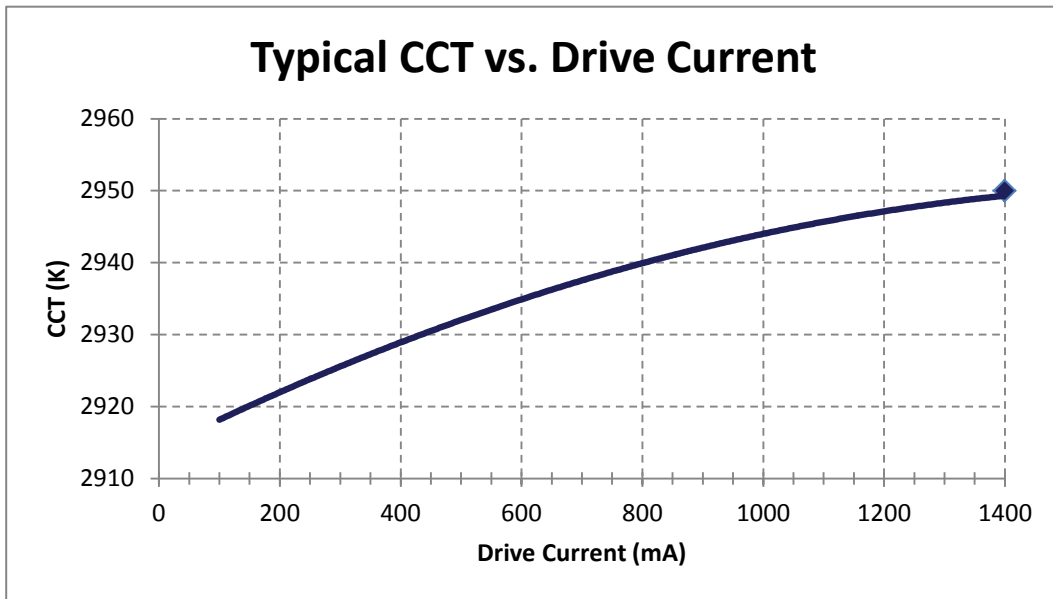
Module Type: XTM19903045CCA
Max Spec Current: 1400mA
Rated Flux: 4500lm
CCT Tolerance: +/- 50K
Duv Tolerance: +/- 0.001

Module Performance vs. Drive Current



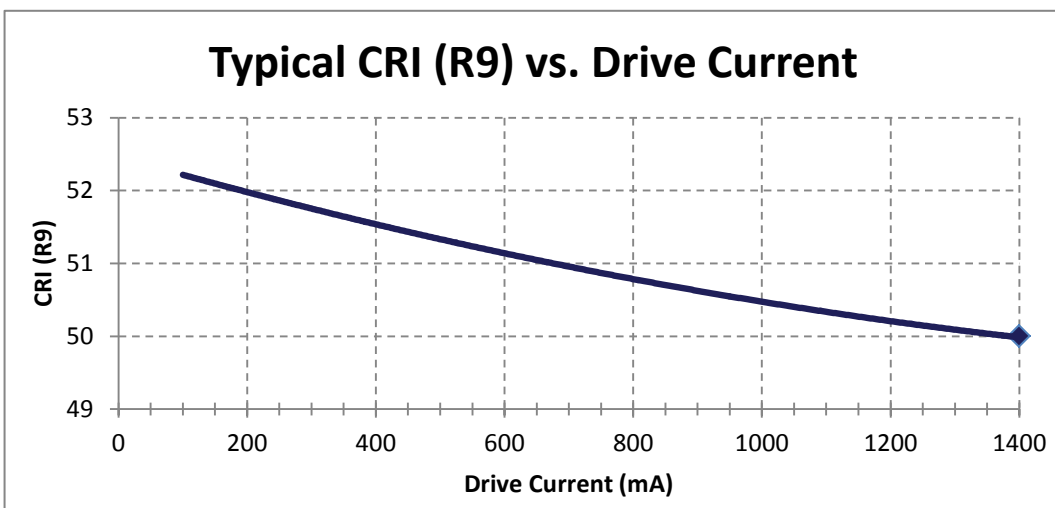
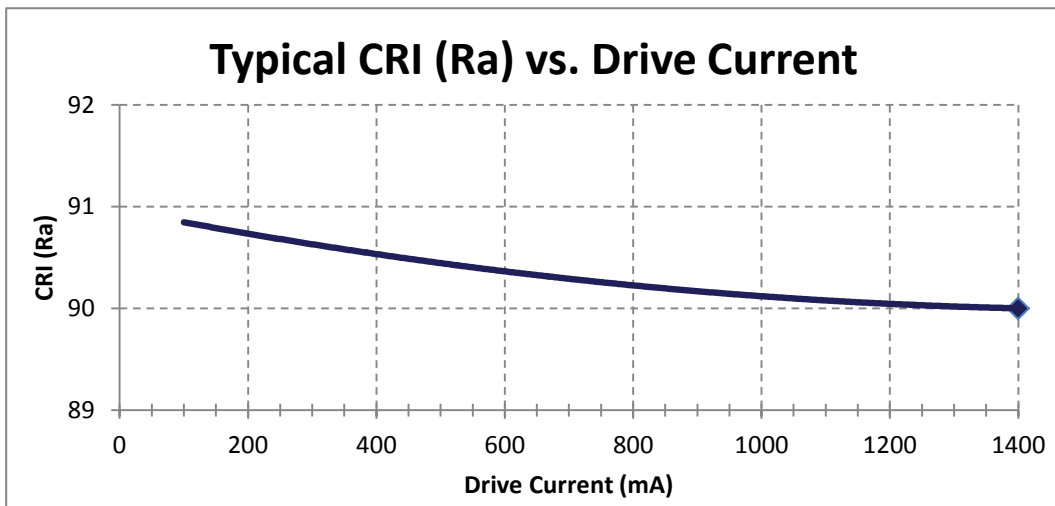
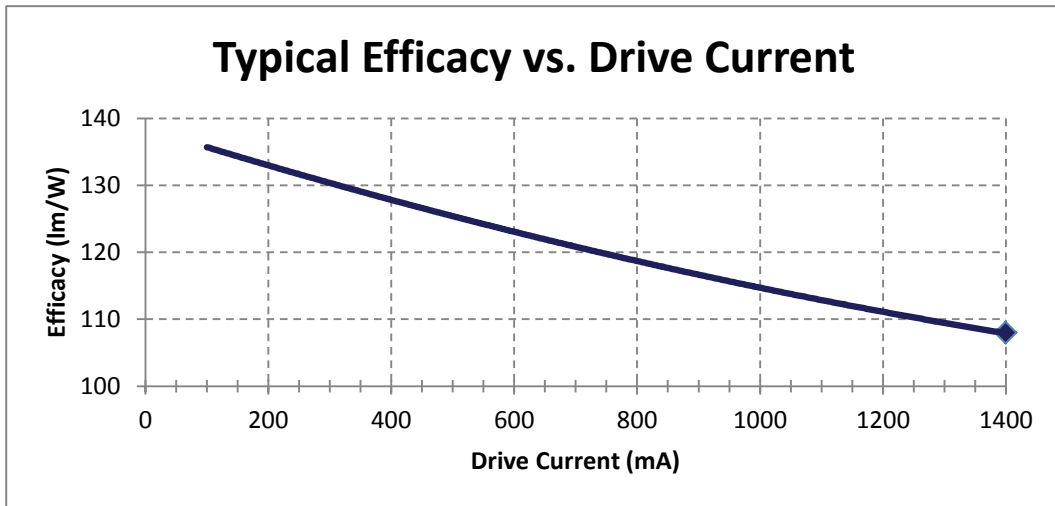
Note: Data taken at $T_c = 70^\circ\text{C}$

Xicato Module Performance Graphs: XTM19903045CCA



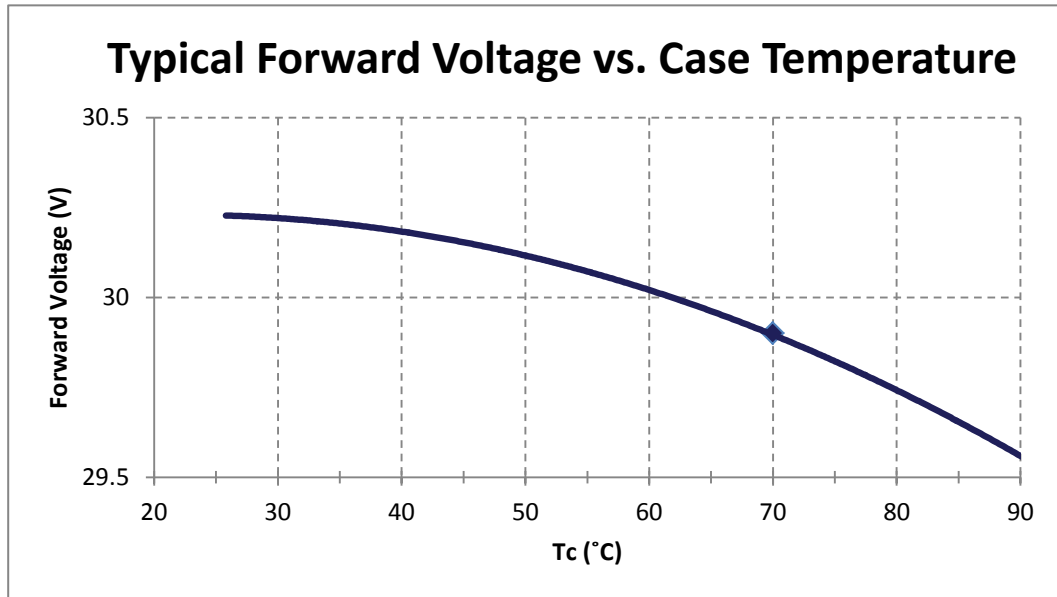
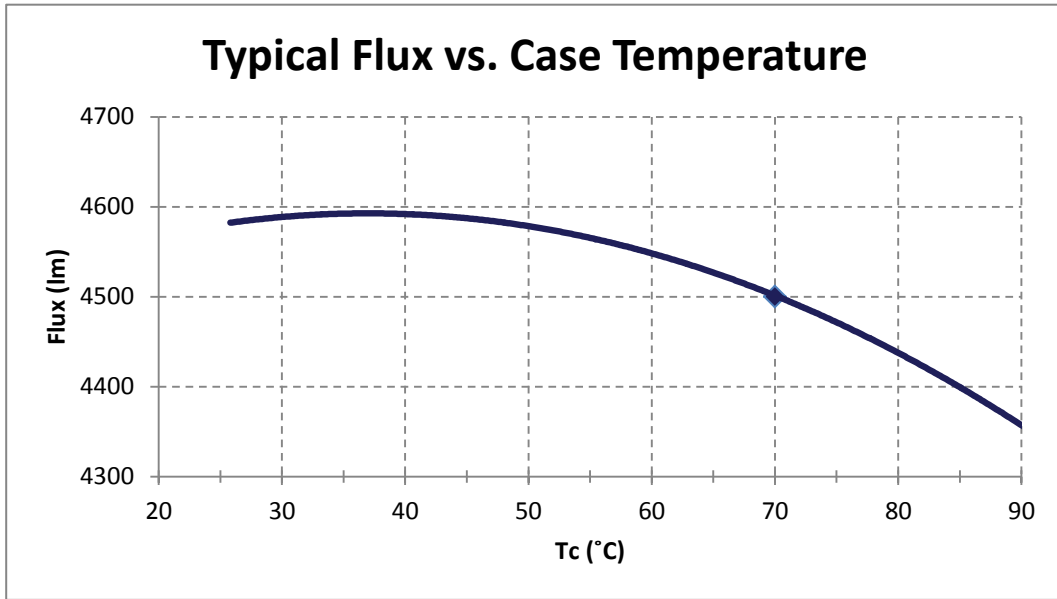
Note: Data taken at $T_c = 70^\circ\text{C}$

Xicato Module Performance Graphs: XTM19903045CCA



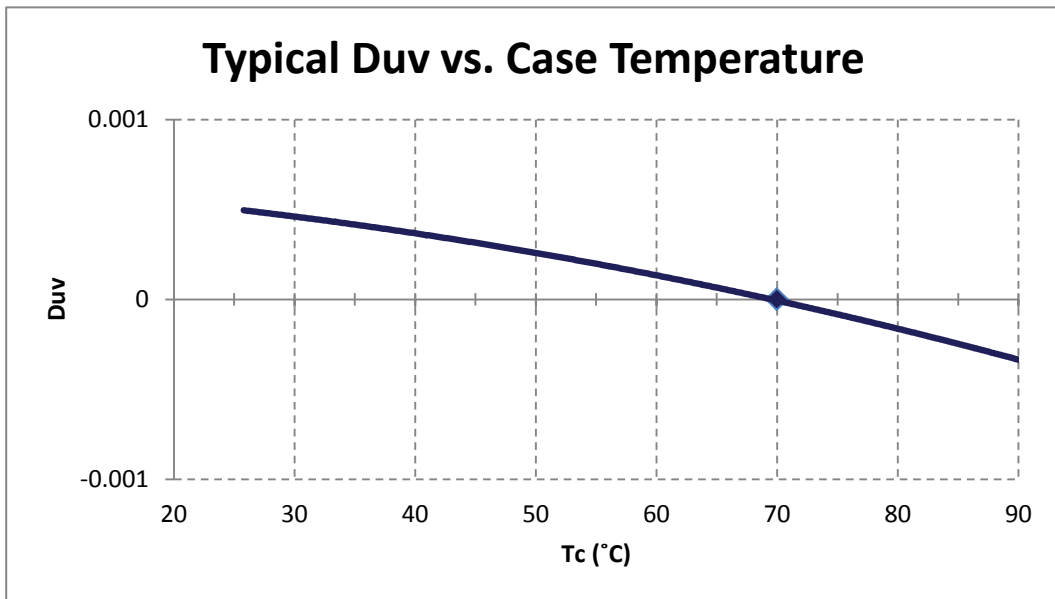
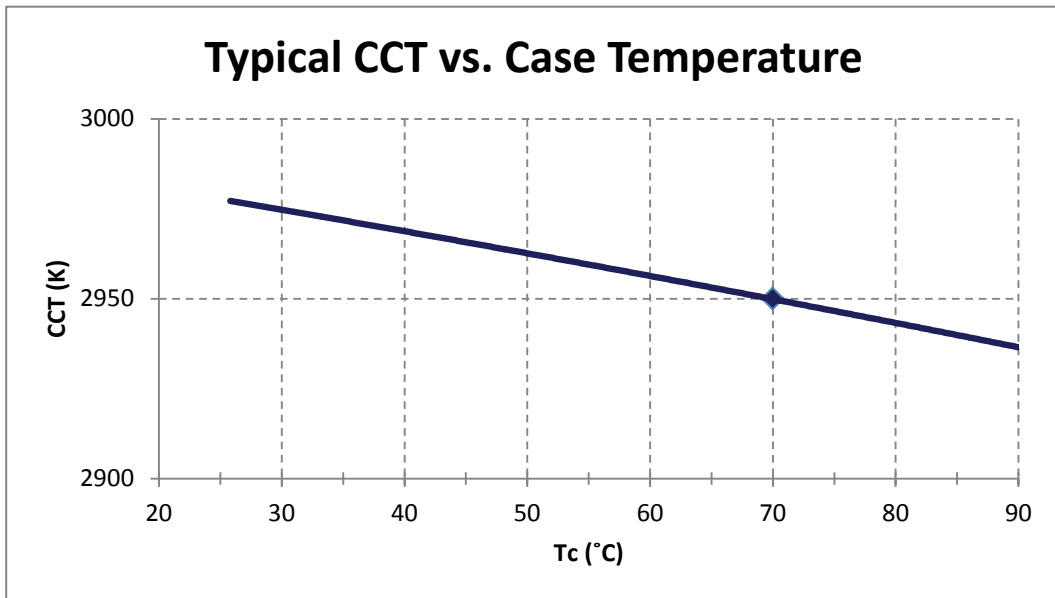
Note: Data taken at $T_c = 70^\circ\text{C}$

Xicato Module Performance Graphs: XTM19903045CCA



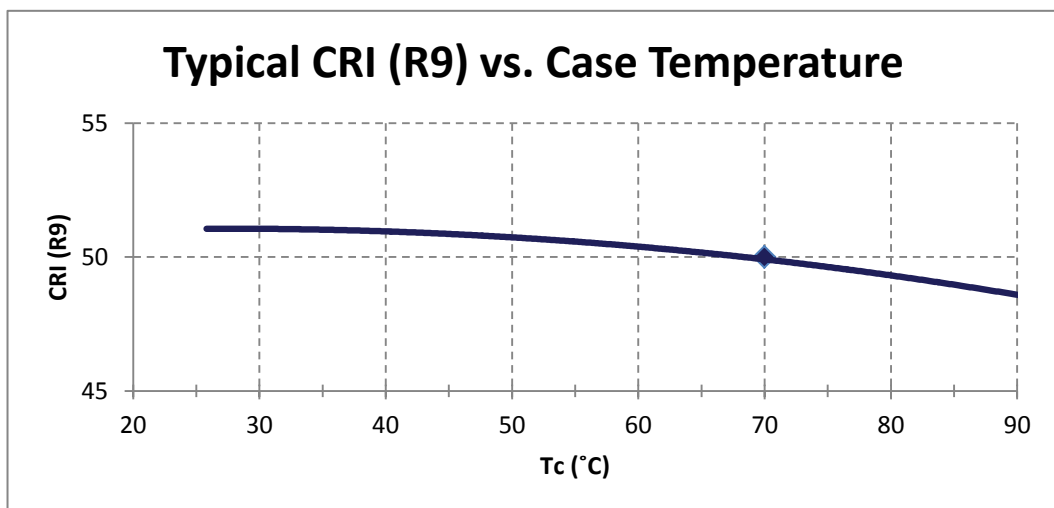
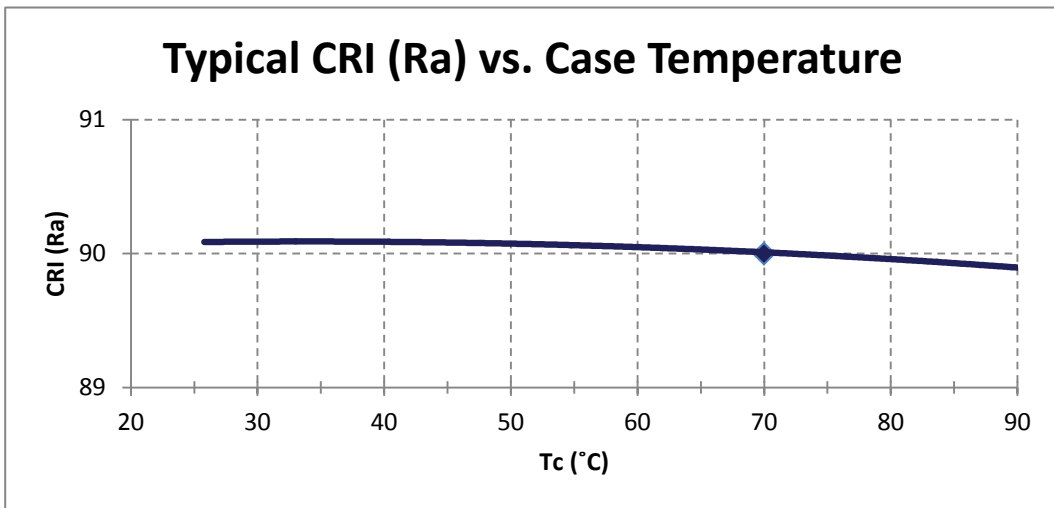
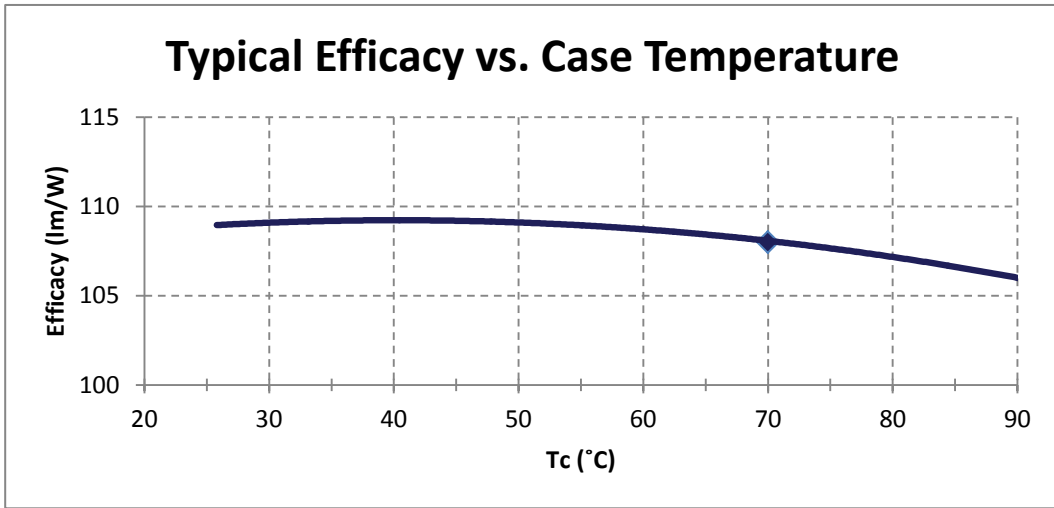
Note: Data taken at maximum spec current

Xicato Module Performance Graphs: XTM19903045CCA



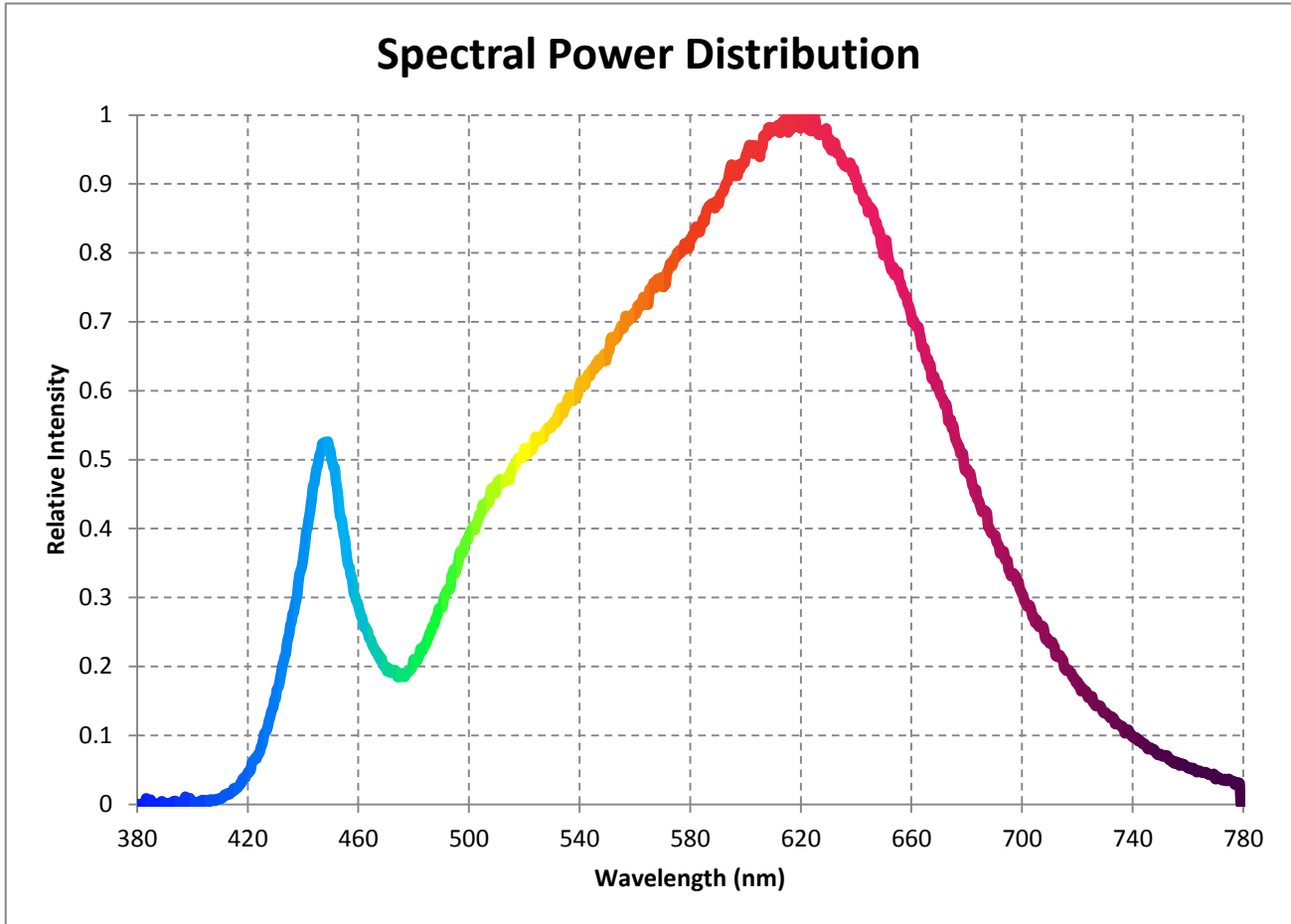
Note: Data taken at maximum spec current

Xicato Module Performance Graphs: XTM19903045CCA



Note: Data taken at maximum spec current

Xicato Module Performance Graphs: XTM19903045CCA



Note: Data taken at $T_c=70^{\circ}\text{C}$ and maximum spec current

Xicato Module Performance Graphs: XTM19903045CCA