

PhlatLight™ LED Color Gamut Calculations

Rev A

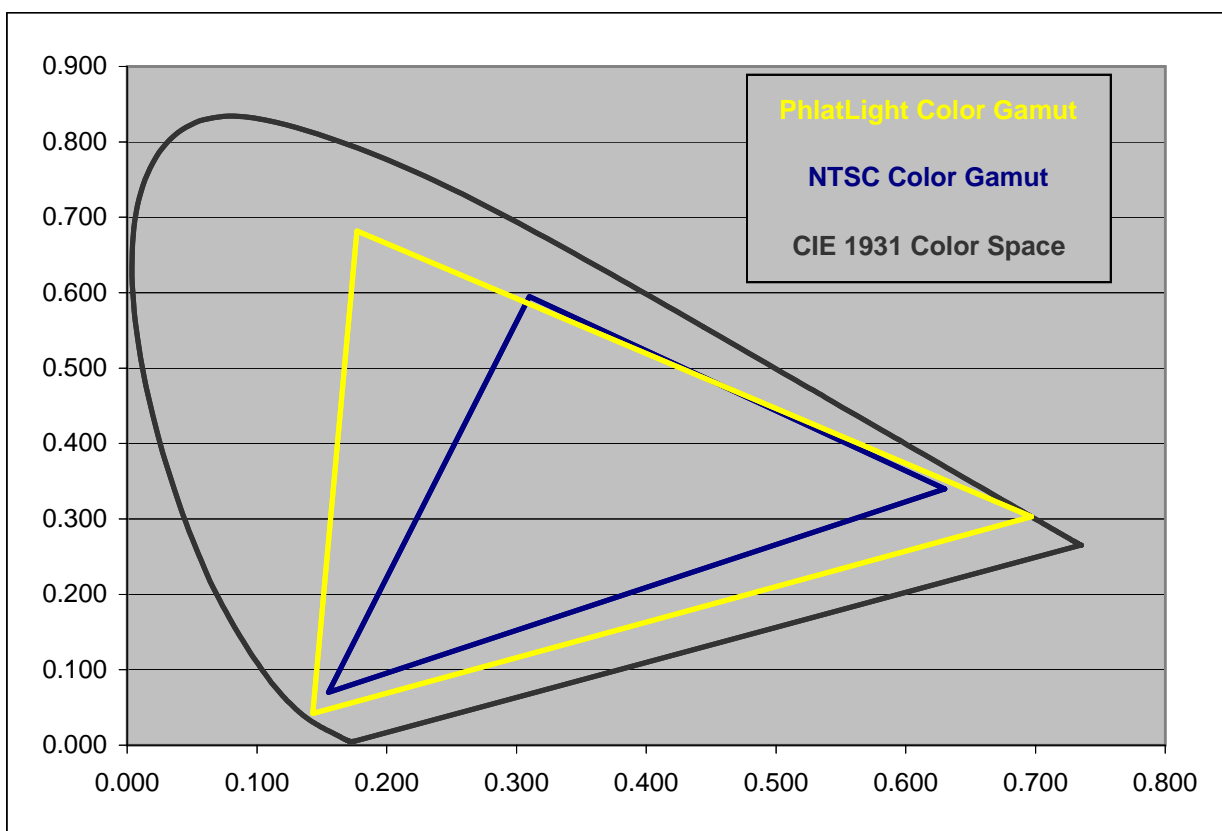
Using CIE 1931 color coordinates (x,y)

6/25/2007 Luminus Devices, Inc.

NTSC 1979 color space:			
	R	G	B
x	0.630	0.310	0.155
y	0.340	0.595	0.070
Area covered by primaries:			0.104

Typical PhlatLight LED emission:			
	R	G	B
x	0.697	0.177	0.143
y	0.303	0.682	0.042
Area covered by primaries:			0.173

Typical PhlatLight color space improvement over NTSC: 67%



Reference Color Gamut Source:
 Susstrunk, Buckley and Swen. Standard RGB Color Spaces