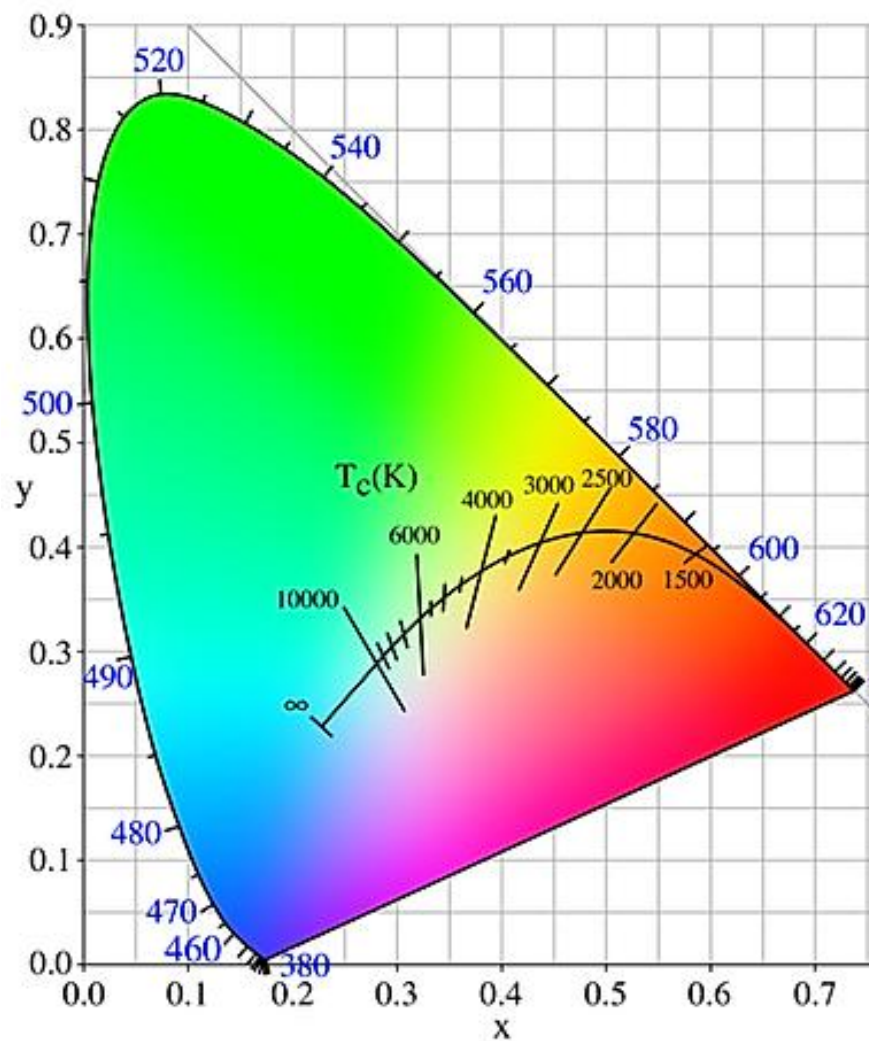


Industry's Standards for LED Lighting

Chromaticity Tolerances

- Quadrangles
 - In both ΔCCT and D_{uv} directions
 - Approximately equal to 7-step MacAdam ellipses

Nominal CCT ¹⁾	Target CCT and tolerance (K)	Target Duv and tolerance
2700 K	2725 $\pm$ 145	0.000 $\pm$ 0.006
3000 K	3045 $\pm$ 175	0.000 $\pm$ 0.006
3500 K	3465 $\pm$ 245	0.000 $\pm$ 0.006
4000 K	3985 $\pm$ 275	0.001 $\pm$ 0.006
4500 K	4503 $\pm$ 243	0.001 $\pm$ 0.006
5000 K	5028 $\pm$ 283	0.002 $\pm$ 0.006
5700 K	5665 $\pm$ 355	0.002 $\pm$ 0.006
6500 K	6530 $\pm$ 510	0.003 $\pm$ 0.006
Flexible CCT (2700 - 6500 K)	$T^{2)}$ $\pm$ $\Delta T^{3)}$	$D_{uv}^{4)}$ $\pm$ 0.006



CIE 1931 x,y Chromaticity Diagram

