

Testing

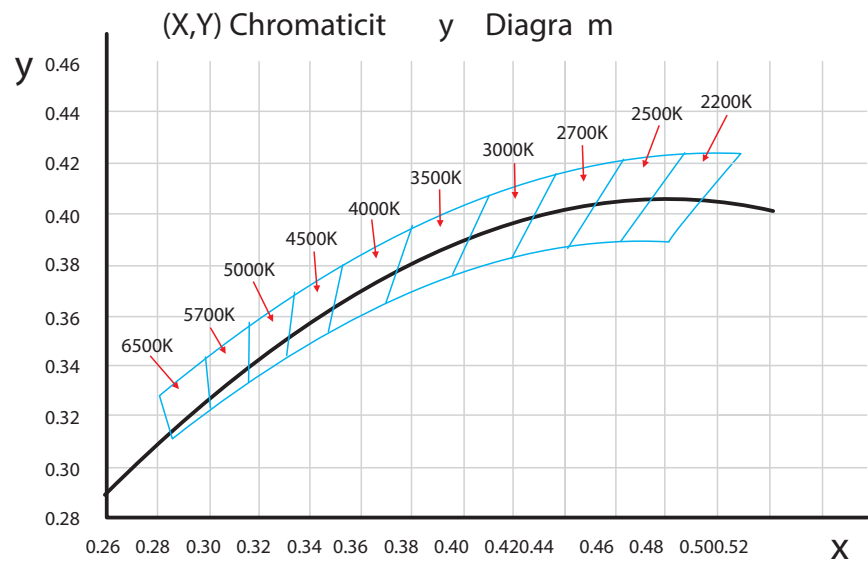
ANSI Standard

Nominal CCT Categories (2200-6500K)

Nominal CCT	Target CCT and tolerance(K)	Target D _{uv}	D _{uv} Tolerance Range
2200K	2238 ±102	0.0000	Tx:CCT of the source
2500K	2460±120	0.0000	For Tx<2870K
2700K	2725 ±145	0.0000	0.000±0.0060
3000K	3045±175	0.0001	For Tx≥2870K
3500K	3465±245	0.0005	Duv(Tx)±0.0060
4000K	3985±275	0.0010	where
4500K	4503±243	0.0015	Duv(Tx)=57700 x (1/Tx)2
5000K	5029±283	0.0020	-44.6 x (1/Tx)
5700K	5667±355	0.0025	+0.00854
6500K	6532±510	0.0031	
Flexible CCT	T _F ¹⁾ ±ΔT ²⁾	D _{uv} T _F ³⁾	

- Remark:
- 1) T_F is chosen to be at 100K steps (2300,2400,.....,6400K),excluding the ten nominal CCTs listed in Table 1.
- 2) ΔT=1.1900x10⁸xT³-1.5434x10⁴xT²+0.7168xT-902.55
- 3) Same as in the D_{uv} Tolerance Range.

White Color Charts



Photometric

F15-24V-5050-60-12W-3000K

