CIE CHROMATICITY DIAGRAM

SunLED white LEDs are color sorted based on either CIE (coordinates) or CCT (Kelvin). Refer to below diagram (Fig. 1).
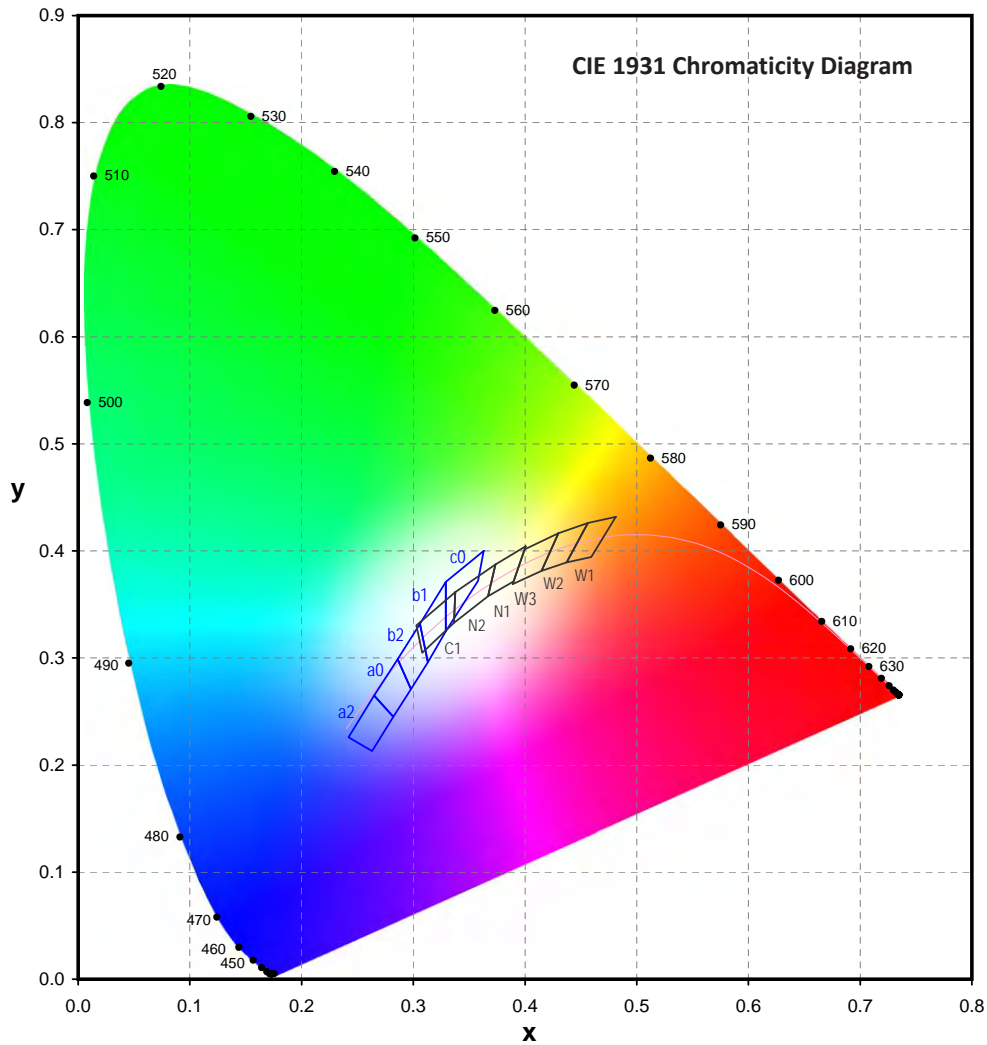

Fig. 1

a2

x	0.263	0.282	0.265	0.242
y	0.213	0.245	0.265	0.226

CCT: 15000K~

a0

x	0.282	0.298	0.286	0.265
y	0.245	0.271	0.299	0.265

CCT: 9000~15000K

b2

x	0.298	0.313	0.306	0.286
y	0.271	0.296	0.332	0.299

CCT: 6800~9000K

b1

x	0.313	0.329	0.329	0.306
y	0.296	0.325	0.371	0.332

CCT: 5600~6800K

c0

x	0.329	0.358	0.363	0.329
y	0.325	0.372	0.400	0.371

CCT: 4600~5600K

W1

x	0.4373	0.4593	0.4813	0.4562
y	0.3893	0.3944	0.4319	0.4260

CCT: 2580~2870K

W2

x	0.4147	0.4373	0.4562	0.4299
y	0.3814	0.3893	0.4260	0.4165

CCT: 2870~3220K

W3

x	0.3889	0.4147	0.4299	0.3996
y	0.3690	0.3814	0.4165	0.4015

CCT: 3220~3710K

N1

x	0.3670	0.3898	0.4006	0.3736
y	0.3578	0.3716	0.4044	0.3874

CCT: 3710~4260K

N2

x	0.3364	0.3670	0.3736	0.3376
y	0.3328	0.3578	0.3874	0.3616

CCT: 4260~5310K

C1

x	0.3081	0.3364	0.3376	0.3028
y	0.3049	0.3328	0.3616	0.3304

CCT: 5310~7040K