

**Table 1 Nominal CCT Categories**

Nominal CCT	Target CCT and tolerance (K)	Target Duv	Duv tolerance range
2700 K	2725 ± 145	-0.0001	$D_{uv}(T_x) \pm 0.006$ where $D_{uv}(T_x) = 57700 \times (1/T_x)^2 - 44.6 \times (1/T_x) + 0.0085$ $T_x$ : CCT of the source
3000 K	3045 ± 175	0.0001	
3500 K	3465 ± 245	0.0004	
4000 K	3985 ± 275	0.0009	
4500 K	4503 ± 243	0.0014	
5000 K	5029 ± 283	0.0019	
5700 K	5667 ± 355	0.0024	
6500 K	6532 ± 510	0.0030	
Flexible CCT (2800 - 6400 K)	$T_F^{1)} \pm \Delta T^{2)}$	$D_{uv}(T_F)^{3)}$	

1)  $T_F$  is chosen to be at 100 K steps (2800, 2900, ..., 6400 K), excluding those eight nominal CCTs listed in Table 1.

2)  $\Delta T$  is calculated by  $\Delta T = 1.1900 \times 10^{-8} \times T^3 - 1.5434 \times 10^{-4} \times T^2 + 0.7168 \times T - 902.55$

3) the same equation given in the column of Duv tolerance range.