

LED Chips

Chip type	Materials	d (nm) (typical)	Intensity (mcd)	P-contact	Size (mil)	Vf (v) min. typ. max.
Red	AlInGaP	From 610 to 640	10 ~ 80	Al	8x8,9x9 10x10,12x12	1.80 1.9 2.30
Yellow	AlInGaP	From 585 to 595	10 ~ 80	Al	8x8,9x9 10x10,12x12	1.80 1.9 2.30
Blue	GaN	470	0.5~2.0	Au	15x13	3.0 3.5 4.0
Signal green	GaN	505	0.5~1.5	Au	15x13	3.5 4.0
reen	GaN	525	0.5~1.5	Au	15x13	3.0 3.5 4.0

Test Condition: $I_f = 20\text{mA}$