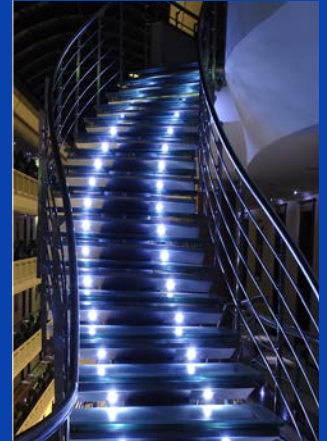
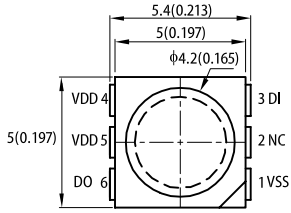
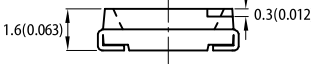
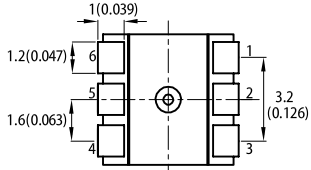
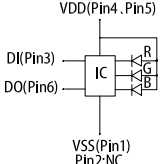


Chameleon RGB+IC

Kingbright's RGB+IC integrates the control circuit and RGB chip for complete control of pixel points. With each color being controlled individually, our RGB+IC SMD LED can achieve 256-level grayscale, which is ideal for decorative and entertainment lighting applications, commercial and residential architectural lighting, or signage applications.



Part Number	Material	λ_D (nm)	Lens Type	Iv (mcd) @ V _{DD} = 5V, Gray Scale Level = 255		Viewing Angle 2 θ 1/2	Dimensions
				Min.	Typ.		
AAAF5050-MC-K12	AlGaInP	625	Water Clear	200	360	120°	5.0mm x 5.0mm x 1.6mm (RGB+IC)     Units: mm (inch) Tolerance: ± 0.2 (0.008)
	InGaN	525		400	600		
	InGaN	465		80	150		

PIN FUNCTION		
No.	Symbol	Function Description
1	VSS	Ground
2	NC	/
3	DI	Control data signal input
4	VDD	Power supply LED
5	VDD	Power supply LED
6	DO	Control data signal output