

Surface Mount LEDs

Shape	Part Number	Emitting Color	Emitting Material	Lens-Color	Wave Length (nm)	Luminous Intensity IF=20mA(mcd) Min. Max.	Viewing Angle	Figure No.
3.0mmX2.0mm	ZHR50C	Red	GaP	Red Trans.	700	1 - 4	90°	4
	ZHR50W	Red	GaP	Water Clear	700	1 - 4	90°	
	ZUR50C	Red	GaAsP/GaP	Red Trans.	625	8 - 60	90°	
	ZUR50W	Red	GaAsP/GaP	Water Clear	625	8 - 60	90°	
	ZMR50C	Red	GaAlAs	Red Trans.	660	70 - 300	90°	
	ZMR50W	Red	GaAlAs	Water Clear	660	70 - 300	90°	
	ZMG50C	Green	GaP	Green Trans.	565	8 - 40	90°	
	ZMG50W	Green	GaP	Water Clear	565	8 - 40	90°	
	ZUY50C	Yellow	GaAsP/GaP	Yellow Trans.	590	8 - 40	90°	
	ZUY50W	Yellow	GaAsP/GaP	Water Clear	590	8 - 40	90°	
3.5mmX2.8mm	ZHR45C	Red	GaP	Red Trans.	700	1 - 3.2	120°	5
	ZUR45C	Red	GaAsP/GaP	Red Trans.	625	12.5 - 40	120°	
	ZUR45W	Red	GaAsP/GaP	Water Clear	625	12.5 - 40	120°	
	ZMR45C	Red	GaAlAs	Red Trans.	660	70 - 300	120°	
	ZMR45W	Red	GaAlAs	Water Clear	660	70 - 300	120°	
	ZMG45C	Green	GaP	Green Trans.	565	8 - 20	120°	
	ZMG45W	Green	GaP	Water Clear	565	8 - 20	120°	
	ZUY45C	Yellow	GaAsP/GaP	Yellow Trans.	590	12.5 - 40	120°	
	ZUY45W	Yellow	GaAsP/GaP	Water Clear	590	12.5 - 40	120°	
3.5mmx2.8mm	ZURMG45W	Red	GaAsP/GaP	Water Clear	625	12.5 - 40	120°	6
		Green	GaP		565	12.5 - 40		
	ZURUBMG45W	Red	GaAlAs	Water Clear	660	12.5 - 40	120°	
		Blue	GaN		430	12.5 - 40		
		Green	GaP		565	2 - 8		

