



Infrared Emitting Diode End Look

Part Number	Chip		Lens Color	V _F (V)@ I _F =50mA		Ee(mW/cm ²) @ I _F =50mA		Viewing Angle 2θ 1/2
	Material	Wave length λ p		Typ.	Max.	Min.	Typ.	

BIR-BM13V4V-2	GaAlAs/GaAs	940	Water Clear	1.25	1.50	1.20	2.00	60
BIR-BO13V4V-2	GaAlAs/GaAlAs	850		1.50	1.80	1.30	2.90	
BIR-BO03V4V-2	GaAlAs/GaAlAs	850		1.50	1.80	1.30	2.90	
BIR-BN03V4V-2	GaAlAs/GaAlAs	880		1.30	1.70	1.30	2.90	

BIR-BM13E4G-2	GaAlAs/GaAs	940	Water Clear	1.25	1.50	1.50	2.80	40
BIR-BO13E4G-2	GaAlAs/GaAlAs	850		1.50	1.80	2.10	3.70	
BIR-BO03E4G-2	GaAlAs/GaAlAs	850		1.50	1.80	2.10	3.70	
BIR-BN03E4G-2	GaAlAs/GaAlAs	880		1.30	1.70	2.10	3.70	