










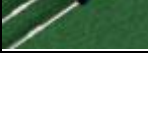












3MM

	Part No.	Lens Colour	Chip		Electro-Optical Characteristics (IF= 50mA)				Viewing Angle (deg)
			Material	λ_D (nm)	Vf (V)		PO (mW/sr)		
					Typ.	Max.	Min.	Typ.	
	IB3b-448-AD	Water Clear	GaAlAs	850	1.5	1.8	-	80	30
	IB3b-448-AH	Water Clear	GaAlAs	850	1.5	1.8	-	40	45
	IB3b-448-BD	Water Clear	GaAlAs	880	1.4	1.7	-	25	30
	IB3b-448-BH	Water Clear	GaAlAs	880	1.4	1.7	-	17	45
	IB3b-448-CC	Water Clear	GaAlAs/GaAs	940	1.3	1.6	-	30	25
	IB3b-448-CD	Water Clear	GaAlAs/GaAs	940	1.3	1.6	-	25	30
	IB3b-448-CH	Water Clear	GaAlAs/GaAs	940	1.3	1.6	-	17	45
	IB3b-248-AD	Blue Transparent	GaAlAs	850	1.5	1.8	-	80	30
	IB3b-248-AH	Blue Transparent	GaAlAs	850	1.5	1.8	-	40	45
	IB3b-248-BH	Blue Transparent	GaAlAs	880	1.4	1.7	-	17	45
	IB3b-248-CC	Blue Transparent	GaAlAs/GaAs	940	1.3	1.6	-	30	25
	IB3b-248-CD	Blue Transparent	GaAlAs/GaAs	940	1.3	1.6	-	25	30



	IB3b-248-CH	Blue Transparent	GaAlAs/GaAs	940	1.3	1.6	-	17	45
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5MM



	Part No.	Lens Colour	Chip		Electro-Optical Characteristics (IF= 50mA)				Viewing Angle (deg)
			Material	λ D (nm)	Vf (V)		PO (mW/sr)		
					Typ.	Max.	Min.	Typ.	
	IB5-43B8-700	Water Clear	GaAlAs	700	1.8	2.3	230	350	15
	IB5-43B8-760	Water Clear	GaAlAs	760	2.0	2.4	66	100	15
	IB5-438-AC	Water Clear	GaAlAs	850	1.5	1.8	63	95	25
	IB5-438-AD	Water Clear	GaAlAs	850	1.5	1.8	58	88	30
	IB5-438-AH	Water Clear	GaAlAs	850	1.5	1.8	29	44	45
	IB5-438-BB	Water Clear	GaAlAs	880	1.4	1.7	26	40	20
	IB5-438-CC	Water Clear	GaAlAs/GaAs	940	1.3	1.6	23	35	25
	IB5-238-AC	Blue Transparent	GaAlAs	850	1.5	1.8	63	95	25
	IB5-238-AD	Blue Transparent	GaAlAs	850	1.5	1.8	58	88	30
	IB5-238-AH	Blue Transparent	GaAlAs	850	1.5	1.8	29	44	45
	IB5-238-BD	Blue Transparent	GaAlAs	880	1.4	1.7	20	30	30

	IB5-238-BH	Blue Transparent	GaAlAs	880	1.4	1.7	10	14	45
	IB5-238-CC	Blue Transparent	GaAlAs/GaAs	940	1.3	1.6	23	35	25
	IB5-238-CD	Blue Transparent	GaAlAs/GaAs	940	1.3	1.6	20	30	30
	IB5b-438-A	Water Clear	GaAlAs	850	1.5	1.8	100	150	8
	IB5b-438-B	Water Clear	GaAlAs	880	1.4	1.7	32	48	8
	IB5b-438-C	Water Clear	GaAlAs/GaAs	940	1.3	1.6	32	48	8
	IB5N-438-A	Water Clear	GaAlAs	850	1.5	1.8	80	120	15
	IB5N-438-AC	Water Clear	GaAlAs	850	1.5	1.8	63	95	25
	IB5N-438-AD	Water Clear	GaAlAs	850	1.5	1.8	58	88	30

6MM

	Part No.	Lens Colour	Chip		Electro-Optical Characteristics (IF= 50mA)				Viewing Angle (deg)
			Material	λ_D (nm)	Vf (V)		PO(mW/sr)		
					Typ.	Max.	Min.	Typ.	
	IB6X-438-A	Water Clear	GaAlAs	850	1.5	1.8	30	45	50/20
	IB6X-438-C	Water Clear	GaAlAs/GaAs	940	1.3	1.6	13	20	50/20

8MM

	Part No.	Lens Colour	Chip		Electro-Optical Characteristics (IF= 50mA)				Viewing Angle (deg)
			Material	λ D (nm)	Vf (V)		PO(mW/sr)		
					Typ.	Max.	Min.	Typ.	
	IB8a-438-A	Water Clear	GaAlAs	850	1.5	1.8	53	80	30
	IB8a-438-A24	Water Clear	GaAlAs	850	1.5	1.8	210	320	30
	IB8a-438-C	Water Clear	GaAlAs/GaAs	940	1.3	1.6	18	27	30
	IB8N-438-A	Water Clear	GaAlAs	850	1.5	1.8	63	95	20
	IB8N-438-C	Water Clear	GaAlAs/GaAs	940	1.3	1.6	23	35	20