

Super Flux InGaAlP LED Lamps

Shape	Part No.	Material (Emitted Color)	Lens	Peak Wave Length (nm)	Electrical/Optical Data				Viewing Angle 2θ1/2	Figure No.
					Vf (V) If=20mA		Iv (mcd) If=20mA *70mA			
					Typ.	Max.	Min.	Typ.		
	XSMD483W	InGaAlP (Red)	Water Clear	640	1.9	2.5	300	495	70°	3
							*700	*994	70°	
	XSME483W	InGaAlP (Red)	Water Clear	630	2.0	2.5	500	780	70°	
							*1500	*2790	70°	
	XSZE483W	InGaAlP (Red)	Water Clear	640	2.2	2.8	1500	1790	70°	
							*5000	*6990	70°	
	XSSG483W	InGaAlP (Green)	Water Clear	574	2.1	2.5	180	295	70°	
							*480	*895	70°	
	XSBG483W	InGaN (Green)	Water Clear	520	4.0	4.5	200	395	70°	
							*500	*895	70°	
	XSMY483W	InGaAlP (Yellow)	Water Clear	590	2.0	2.5	200	395	70°	
							*300	*698	70°	
	XSZY483W	InGaAlP (Yellow)	Water Clear	590	2.3	2.8	300	495	70°	
							*500	*1090	70°	
	XSBB483W	InGaN (Blue)	Water Clear	468	3.65	4.2	80	147	70°	
							*200	*395	70°	
						80	145	70°		
XSBW483W	InGaN (White)	Water Clear	-	3.65	4.2	X=0.33, Y=0.34				
						*200	*395	70°		
						X=0.33, Y=0.34				

Blue & White LED Lamps

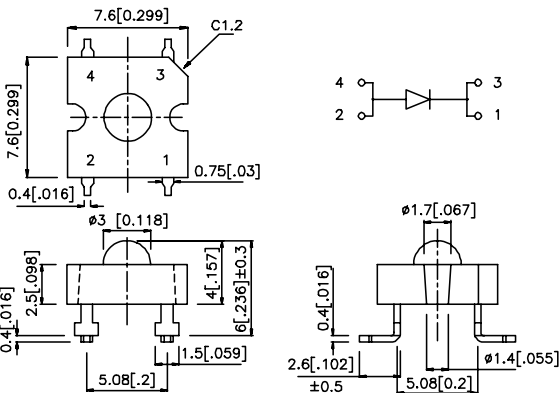
	XLUBK11D	GaN (Blue)	Blue Diffused	430	4.0	4.5	8	23	30°	1
	XLUBK11C	GaN (Blue)	Blue Transparent	430	4.0	4.5	10	38	20°	
	XLUBK11W	GaN (Blue)	Water Clear	430	4.0	4.5	20	58	20°	
	XLBB11W	InGaAlP (Blue)	Water Clear	468	3.65	4.2	110	348	20°	
	XLBB11WH	InGaAlP (Blue)	Water Clear	467	3.7	4.3	1200	1995	20°	
	XLBB11WD	GaN (Blue)	Water Clear	468	3.5	4.0	650	1495	25°	
	XLUB11W	GaN (White)	Water Clear	-	3.8	4.5	50	178	34°	
							X=0.33, Y=0.34			
	XLBW11W	InGaAlP (White)	Water Clear	-	3.65	4.2	200	598	34°	
							X=0.33, Y=0.34			
	XLBW11WH	InGaAlP (White)	Water Clear	-	3.7	4.3	900	1395	34°	
							X=0.33, Y=0.34			
	XLBW11WD	InGaAlP (White)	Water Clear	-	3.5	4.0	1200	2195	34°	
							X=0.33, Y=0.34			
	XLUBK12D	GaN (Blue)	Blue Diffused	430	4.0	4.5	12	38	20°	2
	XLUBK12C	GaN (Blue)	Blue Transparent	430	4.0	4.5	40	63	16°	
	XLUBK12W	GaN (Blue)	Water Clear	430	4.0	4.5	55	108	16°	
	XLBB12W	InGaAlP (Blue)	Water Clear	468	3.65	4.2	300	998	16°	
	XLBB12WH	InGaAlP (Blue)	Water Clear	467	3.7	4.3	2200	3590	16°	
	XLBB12WD	GaN (Blue)	Water Clear	468	3.5	4.0	1200	2195	15°	
	XLUB12W	GaN (White)	Water Clear	-	3.8	4.5	80	198	20°	
							X=0.33, Y=0.34			
	XLBW12W	InGaAlP (White)	Water Clear	-	3.65	4.2	480	1198	20°	
							X=0.33, Y=0.34			
	XLBW12WH	InGaAlP (White)	Water Clear	-	3.7	4.3	2800	3995	20°	
							X=0.33, Y=0.34			
	XLBW12WD	InGaAlP (White)	Water Clear	-	3.5	4.0	2200	3195	20°	
							X=0.33, Y=0.34			

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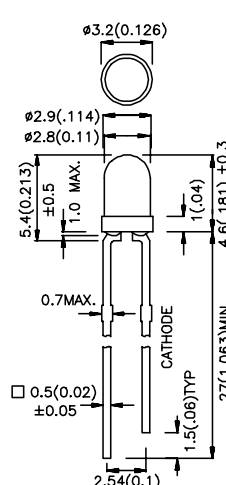
NOTES:

*1. DRIVE CURRENT BETWEEN 10mA AND 30mA ARE RECOMMENDED FOR LONG TERM PERFORMANCE.

*2. OPERATION AT CURRENT BELOW 10mA IS NOT RECOMMENDED.



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