

# Blue Color LED Lamps

TYPE NO.	SOURCE COLOUR	$\lambda_p$ (nm)	IV		Vf		LENS CHARACTERISTICS	VIEWING ANGLE 2 $\theta$ 1/2 (degree)	PACKAGE	CASE
			MIN (mcd)	If (mA)	MAX (V)	If (mA)				
MBB31TA	Blue	430	150	20	5	20	Clear transparent	40	1.1" Lead $\phi$ 3.2mm	L-31b
MBB31TAS	Blue	468	270	20	4	20	Clear transparent			
MBB31CA	Blue	430	150	20	5	20	Blue transparent			
MBB31W	Blue	430	7.0	20	5	20	White Diffused	60		
MBB31D	Blue	430	7.0	20	5	20	Blue Diffused			
MBB32TA	Blue	430	130	20	5	20	Clear transparent	30	1.1" Lead $\phi$ 3.0mm	L-32b
MBB32CA	Blue	430	130	20	5	20	Blue transparent			
MBB32W	Blue	430	6.0	20	5	20	White Diffused	50		
MBB32D	Blue	430	6.0	20	5	20	Blue Diffused			
MBB33TA	Blue	430	30	20	5	20	Clear transparent	44	$\phi$ 3.0mm Flangeless	L-33b
MBB33CA	Blue	430	30	20	5	20	Blue transparent			
MBB33W	Blue	430	1.5	20	5	20	White Diffused	70		
MBB33D	Blue	430	1.5	20	5	20	Blue Diffused			
MBB51TA	Blue	430	200	20	5	20	Clear transparent	20	1.1" Lead $\phi$ 5.0mm	L-51b
MBB51CA	Blue	430	200	20	5	20	Blue transparent			
MBB51TAS	Blue	468	1000	20	4	20	Clear transparent	20		
MBB51TBS	Blue	468	870	20	4	20	Clear transparent	30		
MBB51W	Blue	430	10	20	5	20	White Diffused	40		
MBB51D	Blue	430	10	20	5	20	Blue Diffused			
MBB55TA	Blue	430	2.0	20	5	20	Clear transparent	170	$\phi$ 5.0mm Cylindrical	L-55b
MBB55CA	Blue	430	2.0	20	5	20	Blue transparent			

# Cluster LED Lamps

TYPE NO.	SOURCE COLOUR	$\lambda_p$ (nm)	IV		Vf		LENS CHARACTERISTICS	VIEWING ANGLE 2 $\theta$ 1/2 (degree)	PACKAGE	CASE
			MIN (mcd)	If (mA)	MAX (V)	If (mA)				
MT9Y	GaAlAs Red	660	300	20	7.2	20	Clear transparent	100	21mm Square LED Lamp Cluster	L-9Cb
	Green	570	600	20	9	20	Clear transparent			
MT9CY	GaAlAs Red	660	200	20	4.8	20	Clear transparent	100	21mm Square LED Lamp Cluster	L-9Cc
	Green	570	900	20	9	20	Clear transparent			
	Blue	450	160	20	4	20	Clear transparent			
MT12CY	GaAlAs Red	660	300	20	7.2	20	Clear transparent	100	$\phi$ 26mm LED Lamp Cluster	L-12Cc
	Green	570	800	20	12	20	Clear transparent			
	Blue	450	160	20	4	20	Clear transparent			
MT14Y	GaAlAs Red	660	600	20	14.4	20	Clear transparent	100	$\phi$ 26mm LED Lamp Cluster	L-14Cb
	Green	570	800	20	12	20	Clear transparent			