



LED Light Bar & Bar Graph Arrays BA Series

Light Bar

Digit Size	Part No.		Chip		Absolute Maximum Ratings				Electro-optical Data(At 10mA)			Drawing No.
	Common Anode	Common Cathode	Material/Emitted Color	Peak Wave Length λ_p (nm)	$\Delta \lambda$ (nm)	Pd (mw)	If (mA)	Ifp (mA)	Vf (v)		Iv. Typ. Per.Seg. (mcd)	
									Typ.	Max.		
7.50*13.9mm Light Bar	BA-2R2UW		GaAsP/Red	655	40	80	40	200	1.7	2.0	3.0	AD-07
	BA-2H2UW		GaP/ Bright Red	700	90	40	15	50	2.2	2.5	4.0	
	BA-2G2UW		GaP/ Green	568	30	80	30	150	2.2	2.5	9.0	
	BA-2Y2UW		GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	8.0	
	BA-2E2UW		GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	9.0	
			GaAsP/GaP/ Orange									
	BA-2S2UW		GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	15.0	
BA-2D2UW		GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	18.0		
10.0*20.2mm Light Bar	BA-8R6UW		GaAsP/Red	655	40	80	40	200	1.7	2.0	5.0	AD-08
	BA-8H6UW		GaP/ Bright Red	700	90	40	15	50	2.2	2.5	6.0	
	BA-8G6UW		GaP/ Green	568	30	80	30	150	2.2	2.5	12.0	
	BA-8Y6UW		GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	10.0	
	BA-8E6UW		GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	12.0	
			GaAsP/GaP/ Orange									
	BA-8S6UW		GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	16.0	
BA-8D6UW		GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	20.0		
15.0*15.0mm Light Bar	BA-4R7UW		GaAsP/Red	655	40	80	40	200	1.7	2.0	3.0	AD-09
	BA-4H7UW		GaP/ Bright Red	700	90	40	15	50	2.2	2.5	6.0	
	BA-4G7UW		GaP/ Green	568	30	80	30	150	2.2	2.5	8.0	
	BA-4Y7UW		GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	7.0	
	BA-4E7UW		GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	8.0	
			GaAsP/GaP/ Orange									
	BA-4S7UW		GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	12.0	
	BA-4D7UW		GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	15.0	
	BA-4R7UW-A		GaAsP/Red	655	40	80	40	200	1.7	2.0	3.0	AD-10
	BA-4H7UW-A		GaP/ Bright Red	700	90	40	15	50	2.2	2.5	6.0	
	BA-4G7UW-A		GaP/ Green	568	30	80	30	150	2.2	2.5	8.0	
	BA-4Y7UW-A		GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	7.0	
	BA-4E7UW-A		GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	8.0	
			GaAsP/GaP/ Orange									
BA-4S7UW-A		GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	12.0		
BA-4D7UW-A		GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	15.0		
BA-4R7UW-B		GaAsP/Red	655	40	160	40	200	3.4	4.0	3.0	AD-11	
BA-4H7UW-B		GaP/ Bright Red	700	90	80	15	50	4.4	5.0	6.0		
BA-4G7UW-B		GaP/ Green	568	30	160	30	150	4.4	5.0	8.0		
BA-4Y7UW-B		GaAsP/GaP/ Yellow	585	35	160	30	150	4.2	5.0	7.0		
BA-4E7UW-B		GaAsP/GaP/ Hi-Eff.Red	635	45	160	30	150	4.0	5.0	8.0		
		GaAsP/GaP/ Orange										
BA-4S7UW-B		GaAlAs/ SH Super Red	660	20	160	30	150	3.4	5.0	12.0		
BA-4D7UW-B		GaAlAs/ DH Super Red	660	20	160	30	150	3.4	5.0	15.0		
BA-4R7UW-C		GaAsP/Red	655	40	80	40	200	1.7	2.0	6.0	AD-12	
BA-4H7UW-C		GaP/ Bright Red	700	90	40	15	50	2.2	2.5	12.0		
BA-4G7UW-C		GaP/ Green	568	30	80	30	150	2.1	2.5	16.0		
BA-4Y7UW-C		GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	14.0		
BA-4E7UW-C		GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	16.0		
		GaAsP/GaP/ Orange										
BA-4S7UW-C		GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	20.0		
BA-4D7UW-C		GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	24.0		



LED Light Bar & Bar Graph Arrays BA Series

Light Bar

AD-07 BA- 2x2UW	AD-08 BA- 8x6UW
AD-09 BA- 4x7UW	AD-10 BA- 4x7UW-A
AD-11 BA-4x7UW-B	AD-12 BA- 4x7UW-C

NOTES: 1.All Dimensions are in millimeters(inches).
 3.Specifications are subject to change without notice.

2.Tolerance is $\pm 0.25\text{mm}(.010")$.
 4.NP:No Pin. 5.NC:No Connect.

AMERICAN BRIGHT