

DISCRETE LEDS

5mm Megabright

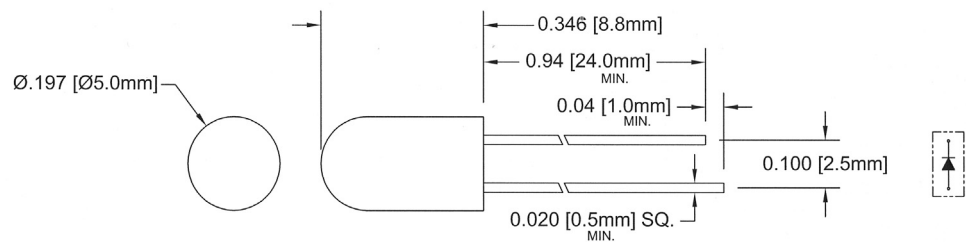


- Industry Standard 5mm (T1 3/4) packages
- Available with (-F) or without flanges
- Also available narrower viewing angles
- Ideal for illumination, signage and daylight visible applications
- LEDs are safe for direct viewing AEL Class 2 per IEC 825-1, EN-60825-1, EN60825-2 (Do not look directly at the light source for prolonged periods of time)

5XXX

Megabright

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @20mA					Viewing Angle 2 θ 1/2 (deg)
	Material	Peak Wave Length λ _p (nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If (mA)	V _f (V)		I _v (mcd)			
									TYP	MAX	MIN	TYP	MAX	
5PC0.820	-	440	PURPLE	WATER CLEAR	-	120	30	150	3.6	4.0	600.0	800.0	1200.0	20
5PD0.445	-	440	PURPLE	PINK DIFFUSED	-	120	30	150	3.6	4.0	200.0	350.0	500.0	45
5BWC2.515	-	468	BLUE	WATER CLEAR	30	76	50	150	3.7	4.5	2000.0	2500.0	3000.0	15
5BWC1.230	InGaN/SiC	468	BLUE	WATER CLEAR	28	100	35	100	3.4	3.9	700.0	1200.0	1700.0	30
5BWC1.830	InGaN/SiC	468	BLUE	WATER CLEAR	28	100	35	100	3.4	3.9	1300.0	1900.0	2500.0	30
5BWD0.345	InGaN	470	BLUE	DIFFUSED	26	70	20	70	3.5	4.0	100.0	200.0	300.0	45
5XGC10.015	InGaN/SiC	525	GREEN	WATER CLEAR	38	100	35	100	3.4	3.9	7800.0	10000.0	11900.0	15
5GC9.015	-	528	GREEN	WATER CLEAR	30	120	30	150	3.6	4.0	8000.0	9000.0	10000.0	15
5YC5.523	AlGaInP	590	YELLOW	WATER CLEAR	-	75	30	100	2.2	2.4	2000.0	2700.0	4000.0	23
5YC2.723	AlGaInP	590	YELLOW	WATER CLEAR	-	75	30	100	2.2	2.4	2000.0	2700.0	4000.0	23
5XRC2.723	AlGaInP	630	RED	WATER CLEAR	-	75	30	100	2.2	2.4	2000.0	2700.0	4000.0	23
5XRC4.530	AlGaInP	633	RED	WATER CLEAR	30	-	30	50	2.2	2.6	3900.0	4500.0	5600.0	30
5XRC8.515	AlGaInP	635	RED	WATER CLEAR	20	100	35	100	2.2	2.7	6000.0	8500.0	10200.0	15
5WC2.520	InGaN	X=.31 Y=.32	WHITE	WATER CLEAR	-	100	35	100	3.5	4.2	2000.0	2800.0	4000.0	20
5WC3.015	InGaN	X=.27 Y=.27	WHITE	WATER CLEAR	-	70	30	100	3.7	4.2	2200.0	3000.0	3800.0	15
5WC4.030	InGaN	X=.26 Y=.27	WHITE	WATER CLEAR	-	100	35	100	3.5	4.2	2500.0	4000.0	6000.0	30
5WC7.015	InGaN	X=.26 Y=.27	WHITE	WATER CLEAR	-	100	35	100	3.5	4.2	5500.0	7500.0	11000.0	15



F Series

For Flanged LEDs Add a "-F" to the end of the Part No.

