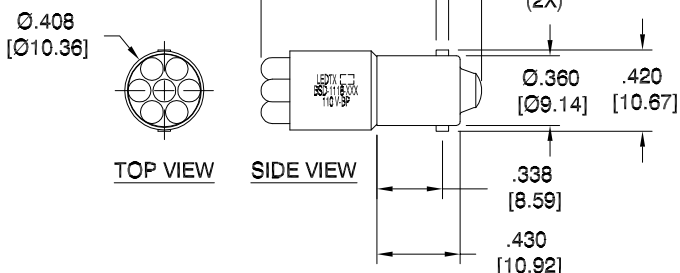


LTR	REVISION	DATE	APPD
A	103118-GP02: UPDATED TEST DATA AND ADDED (XIW)	10-31-18	GP

**NOTES:**

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS).
2. SLEEVE MATERIAL: RYNITE FR530 (UL94V-1 MINIMUM, UL94V-0 PREFERRED)
3. BASE MATERIAL: (BODY) BRASS & NICKEL-PLATED BRASS (BARREL)



**ELECTRICAL / OPTICAL CHARACTERISTICS (Ta = 25°C)**

Part No.	Color	125VDC	120VAC	130VAC	240VAC	250VDC	Forward Voltage (V)	Current (A)	Power (mW)	Wavelength (nm)	
BSD-1118-001	ULTRA RED	110	95	105	195	220	1835	55V	0.008 A	2000	654nm
		140	130	140	260	280	1835	55V	0.008 A	1900	654nm
		1835	1835	1835	1835	1835	55V	0.008 A	2300	654nm	
		55V	55V	55V	55V	55V	0.008 A	4800	654nm		
		55V	55V	55V	55V	55V	0.008 A	5100	654nm		
BSD-1118-002	HI-EFF RED	110	95	105	195	220	1835	55V	0.008 A	2000	642nm
		140	130	140	260	280	1835	55V	0.008 A	1900	642nm
		1835	1835	1835	1835	1835	55V	0.008 A	2300	642nm	
		55V	55V	55V	55V	55V	0.008 A	4800	642nm		
		55V	55V	55V	55V	55V	0.008 A	5100	642nm		
BSD-1118-003	ORANGE	110	95	105	195	220	1835	55V	0.008 A	2000	607nm
		140	130	140	260	280	1835	55V	0.008 A	1900	607nm
		1835	1835	1835	1835	1835	55V	0.008 A	2300	607nm	
		55V	55V	55V	55V	55V	0.008 A	4800	607nm		
		55V	55V	55V	55V	55V	0.008 A	5100	607nm		
BSD-1118-004	YELLOW	110	95	105	195	220	1835	55V	0.008 A	2000	585nm
		140	130	140	260	280	1835	55V	0.008 A	1900	585nm
		1835	1835	1835	1835	1835	55V	0.008 A	2300	585nm	
		55V	55V	55V	55V	55V	0.008 A	4800	585nm		
		55V	55V	55V	55V	55V	0.008 A	5100	585nm		
BSD-1118-006	HI-EFF GREEN	110	95	105	195	220	1835	55V	0.008 A	2000	566nm
		140	130	140	260	280	1835	55V	0.008 A	1900	566nm
		1835	1835	1835	1835	1835	55V	0.008 A	2300	566nm	
		55V	55V	55V	55V	55V	0.008 A	4800	566nm		
		55V	55V	55V	55V	55V	0.008 A	5100	566nm		
BSD-1118-008	ULTRA BLUE	110	95	105	195	220	1835	55V	0.007 A	2000	427nm
		140	130	140	260	280	1835	55V	0.007 A	1900	427nm
		1835	1835	1835	1835	1835	55V	0.007 A	2300	427nm	
		55V	55V	55V	55V	55V	0.007 A	4800	427nm		
		55V	55V	55V	55V	55V	0.007 A	5100	427nm		
BSD-1118-026	HI-EFF PALE YELLOW	110	95	105	195	220	1835	55V	0.008 A	2000	642/566nm
		140	130	140	260	280	1835	55V	0.008 A	1900	642/566nm
		1835	1835	1835	1835	1835	55V	0.008 A	2300	642/566nm	
		55V	55V	55V	55V	55V	0.008 A	4800	642/566nm		
		55V	55V	55V	55V	55V	0.008 A	5100	642/566nm		
BSD-1118-0UY	SUPER YELLOW	110	95	105	195	220	1835	55V	0.008 A	2000	596nm
		140	130	140	260	280	1835	55V	0.008 A	1900	596nm
		1835	1835	1835	1835	1835	55V	0.008 A	2300	596nm	
		55V	55V	55V	55V	55V	0.008 A	4800	596nm		
		55V	55V	55V	55V	55V	0.008 A	5100	596nm		
BSD-1118-UYG	ULTRA PALE WHITE	110	95	105	195	220	1835	55V	0.007 typ/0.010 max	2000	596/566nm
		140	130	140	260	280	1835	55V	0.007 typ/0.010 max	1900	596/566nm
		1835	1835	1835	1835	1835	55V	0.007 typ/0.010 max	2300	596/566nm	
		55V	55V	55V	55V	55V	0.007 typ/0.010 max	4800	596/566nm		
		55V	55V	55V	55V	55V	0.007 typ/0.010 max	5100	596/566nm		
BSD-1118-XIW	WARM WHITE	110	95	105	195	220	1835	55V	0.007 typ/0.010 max	2000	3000K
		140	130	140	260	280	1835	55V	0.007 typ/0.010 max	1900	3000K
		1835	1835	1835	1835	1835	55V	0.007 typ/0.010 max	2300	3000K	
		55V	55V	55V	55V	55V	0.007 typ/0.010 max	4800	3000K		
		55V	55V	55V	55V	55V	0.007 typ/0.010 max	5100	3000K		

LEDTRONICS PART NO.	LED EMITTING COLOR	CIRCUIT RATING VOLTS	CIRCUIT VOLTAGE MIN	CIRCUIT VOLTAGE MAX	REPLACES INCANDESCENT	INCANDESCENT LAMP VOLTAGE RATING	CURRENT (A)	EXTERNAL SERIES RESISTOR, Ohms	λP nm COLOR TEMP. (K)
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**LED<sup>®</sup>**  
**LEDTRONICS,™ INC.**  
 23105 KASHIWA COURT  
 TORRANCE, CA 90505

**-PROPRIETARY-**  
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.XXX ± .010 TOLERANCE PER ANSI-Y14.5  
 .XX ± .025 (UNLESS OTHERWISE STATED)  
 ANGLES ± 0°,30'  
 FRACT. ± 1/32

<b>TITLE</b> BSD-1118-XXX					
DWG NO	SCALE	SHEET	DATE		
B1118003	1:1	1 OF 1	05-11-01		
CODE IDENT NO.	DWG BY RM	CHK BY	QA EE	MFG LD	R&D LUV
8Z410	05-11-01		11-01-18	11-01-18	11-01-18