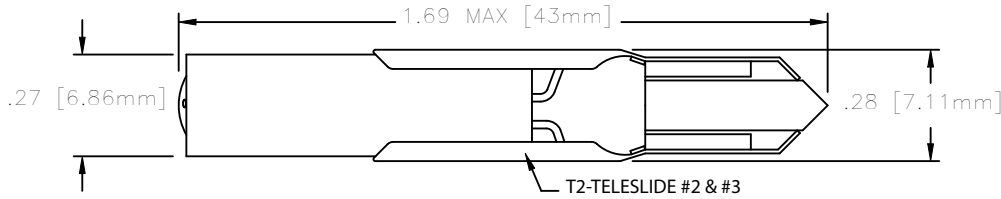


LTR	REVISION	DATE	APPD
-	RELEASED	07-19-91	RK
A	NOTE:5 DELETED	01-25-95	PL
B	ADDED "BIPOLAR" TO TITLE	03-07-95	PL
C	ADDITIONAL DATA SOURCE	06-21-18	JG



1. THIS LED IS SPECIFICALLY DESIGNED TO REPLACE 24X/24E INCANDESCENT IN THE GE ET-6 OR WESTINGHOUSE EZC MINALITE RELAMPABLE PANEL INDICATORS.
2. FOR 24 VOLT APPLICATIONS, NO EXTERNAL RESISTOR IS REQUIRED. FOR 130 VOLT, 3.2kΩ/3.3kΩ EXTERNAL SERIES RESISTOR IS REQUIRED.
3. BSD-1010-026 "WHITE" LEDLAMP PROVIDES A PALE YELLOW HUE WHEN USED WITH A DIFFUSED WHITE LENS CAP. "WHITE" LEDLAMP MAY ALSO BE USED WITH RED, AMBER (YELLOW) AND GREEN LENS CAP.
4. COMPLETE RELAMPABLE LED INDICATORS DIRECTLY REPLACE GE ET-6 OR WESTINGHOUSE EZC MINALITE AVAILABLE FOR 24V, 48V, 120VAC, 130VDC, ETC.

LEDTRONICS PART NO.	L.E.D. RADIATION COLOR	ABSOLUTE MAXIMUM RATINGS (Ta=25°C)				ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)					
		Pd mW	If mA	Topt (°C)	Tstg (°C)	If ma	Iv mcd typ	Vf=VDC typ	VIEW ANGLE	Ir max μA	λP nm
BSD-1010-001	ULTRA RED	1000	40	-20°C TO +60°C	-30°C TO +100°C	30	85	24	160	100	660
BSD-1010-002	HI-EFF RED	1000	40	-20°C TO +60°C	-30°C TO +100°C	30	47	24	160	100	635
BSD-1010-003	ORANGE	1000	40	-20°C TO +60°C	-30°C TO +100°C	30	35	24	160	100	605
BSD-1010-004	YELLOW	1000	40	-20°C TO +60°C	-30°C TO +100°C	30	40	24	160	100	585
BSD-1010-005	LIME YELLOW	1000	40	-20°C TO +60°C	-30°C TO +100°C	30	85	24	160	100	570
BSD-1010-006	HI-EFF GREEN	1000	40	-20°C TO +60°C	-30°C TO +100°C	30	75	24	160	100	565
BSD-1010-007	PURE GREEN	1000	40	-20°C TO +60°C	-30°C TO +100°C	30	35	24	160	100	555
BSD-1010-008	BLUE	1000	40	-20°C TO +60°C	-30°C TO +100°C	30	10	24	160	100	470
BSD-1010-026	PALE WHITE	1000	40	-20°C TO +60°C	-30°C TO +100°C	30	75	24	160	100	635/565

LEDTRONICS PART NO.	Circuit Rating Volts	Circuit Voltage Min	Circuit Voltage Max	Replaces Incandescent	Incand. Lamp Voltage Rating	External Series Resistor, Ohms	LEDTRONICS PART NO.	Circuit Rating Volts	Circuit Voltage Min	Circuit Voltage Max	Replaces Incandescent	Incand. Lamp Voltage Rating	External Series Resistor Ohms
BSD-1010-001 ULTRA RED	24VDC 48VDC 67VAC 115VAC 125VDC 230VDC 250VDC	22 44 55 95 110 220 220	28 56 76 130 140 280 280	24E/ 24X	28V	110 900 1500 3300 6300 7200	BSD-1010-006 HI-EFF GREEN	24VDC 48VDC 67VAC 115VAC 125VDC 230VDC 250VDC	22 44 55 95 110 220 220	28 56 76 130 140 280 280	24E/ 24X	28V	110 900 1500 3300 6300 7200
BSD-1010-002 HI-EFF RED	24VDC 48VDC 67VAC 115VAC 125VDC 230VDC 250VDC	22 44 55 95 110 220 220	28 56 76 130 140 280 280	24E/ 24X	28V	110 900 1500 3300 6300 7200	BSD-1010-007 PURE GREEN	24VDC 48VDC 67VAC 115VAC 125VDC 230VDC 250VDC	22 44 55 95 110 220 220	28 56 76 130 140 280 280	24E/ 24X	28V	110 900 1500 3300 6300 7200
BSD-1010-004 YELLOW	24VDC 48VDC 67VAC 115VAC 125VDC 230VDC 250VDC	22 44 55 95 110 220 220	28 56 76 130 140 280 280	24E/ 24X	28V	110 900 1500 3300 6300 7200	BSD-1010-026 PALE WHITE	24VDC 48VDC 67VAC 115VAC 125VDC 230VDC 250VDC	22 44 55 95 110 220 220	28 56 76 130 140 280 280	24E/ 24X	28V	110 900 1500 3300 6300 7200



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

TITLE <b>BSD-1010-00X (BIPOLAR)</b>			
DWG NO B1010001	SCALE 2:1	SHEET 1 OF 1	DATE 07-19-91
CODE IDENT NO 8Z410	DWG BY RK	CHK BY PL	QA CUSTOMER GENERIC