

FEATURES:

- MATERIAL: GALLIUM NITRIDE
- LIGHT OUTPUT: 1200 MICRO WATTS
- FREQUENCY RESPONSE: 4 ~ 5 MHz
- PEAK POWER OUTPUT: (PULSED) 2mW
- PULSE CHARACTERISTICS:
TURN-ON DELAY 100nS
TURN-OFF DELAY 200nS
- WATERCLEAR EPOXY
- WIDE ANGLE VERSION AVAILABLE

APPLICATIONS:

- HIGH SPEED COLOR SCANNING
- DATA TRANSMISSION THROUGH LIQUIDS

T1 (3mm) 1K mcd BLUE LED



BP150CWB1K-040
(NARROW BEAM 15°)

T1 3/4 (5mm) 1K mcd BLUE LED



BP280CWB1K-3.6Vf-050T
(NARROW BEAM 15°)



BP280CWB500-3.6Vf-050T
(WIDE ANGLE 50°)

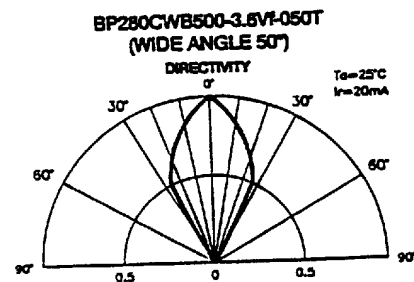
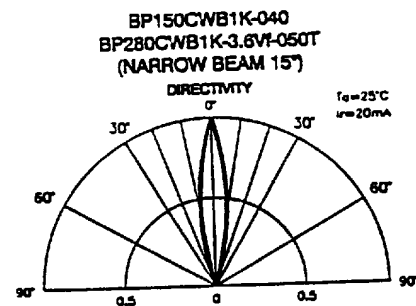
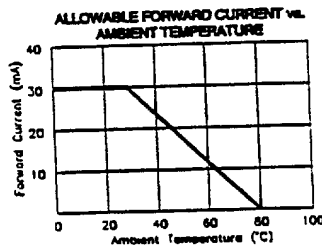
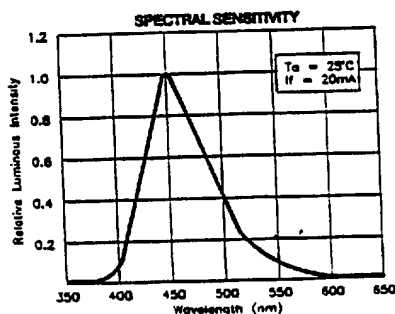
LEDTRONICS PART NUMBER	ABSOLUTE MAXIMUM RATINGS (Ta=25°C)					ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)							
	Pd mW	Ifp mA	If max mA	Vf V	Topr (°C)	If mA	Iv mcd min/typ	Po μ W min/typ	Vf = V typ/max	VIEW ANGLE	If max μ A	$\Delta\lambda$ nm	λ_p nm
BP150CWB1K-040	120	100	30	5	-20°C TO +80°C	20	500/1000	600/1200	3.6/4.0	16	50	70	450
BP280CWB1K-3.6Vf-050T	120	100	30	5	-20°C TO +80°C	20	500/1000	600/1200	3.6/4.0	16	50	70	450
BP280CWB500-3.6Vf-050T	120	100	30	5	-20°C TO +80°C	20	250/500		3.6/4.0	50	50		450

Tstg: -30°C TO +100°C
LEAD SOLDERING TEMP: 260°C FOR 5 SEC.
PULSE WIDTH MAX. 10ms
DUTY RATIO MAX. 1/10

Po - LUMINOUS OUTPUT
 $\Delta\lambda$ - HALF WIDTH

NOTES:

1. LED IS NOT AVAILABLE AS A DISCRETE
2. CALL FACTORY FOR INFORMATION ON A WIDE VARIETY OF AVAILABLE BASED, PCB & PANEL MOUNT CONFIGURATIONS, AND TO MAKE ARRANGEMENTS FOR SAMPLES
3. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE :



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NEWBLUE+ 05/95

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