

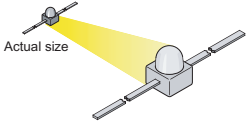
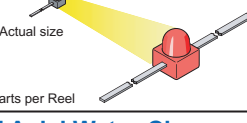
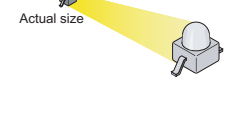
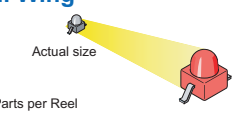


## Features

- Small Size and Low Profile
- Ideal for High Density Mounting
- Industry Standard Footprint
- EIA Standard 8mm Tape, 7" Reel
- Compatible With Automatic Placement Equipment
- Compatible With IR and Vapor Phase Reflow Solder Processes
- Three-Year Warranty

## Applications

- Logic/ Fault Status Indicator
- Backlighting Legends, LCD
- Optical Coupling into Light Pipes
- Backlighting Bargraph Light Pipes

Part Description	Part Number	Emitted Color	Epoxy Lens Color	Chip Material	Electrical-Optical Characteristics (Ta = 25°C)					View Angle (2θ1/2)	Fig.
					If (mA)	Iv (mcd) typ	Vf (V) typ/max	λp (nm)	Δλ (nm)		
<b>Axial Leaded Water-Clear Lens</b>  1500 Parts per Reel	L080CWR3K	UL RED	Water-Clear	GaAlAs	20	300	2.0/2.6	660	20	35°	1
	L080CWR6B	UL RED	Water-Clear	GaAlAs	20	60	1.7/2.6	660	20		
	L080CWR5B	HE RED	Water-Clear	GaAsP/GaP	20	40	2.0/2.6	635	45		
	L080CWE3K	SP RED	Water-Clear	InGaAlP	20	600	2.2/2.4	630	17		
	L080CWO3K	SP ORANGE	Water-Clear	InGaAlP	20	250	2.0/2.6	615	17		
	L080CWY3K	SP YELLOW	Water-Clear	AlGaInP	20	250	2.0/2.6	588	15		
	L080CWY5B	YELLOW	Water-Clear	GaAsP/GaP	20	30	2.1/2.6	585	35		
	L080CWG5B	HE GREEN	Water-Clear	GaP/GaP	20	45	2.2/2.6	568	30		
	L080CWPG5B	PURE GREEN	Water-Clear	GaP/GaP	20	15	2.2/2.6	555	25		
	L080CWAG3K	AQUA GREEN	Water-Clear	SiC/GaN	20	320	3.5/4.0	525	36		
L080CWPB1K	SP BLUE	Water-Clear	SiC/GaN	20	60	3.6/4.0	470	30			
<b>Axial Leaded Diffused Lens</b>  1500 Parts per Reel	L080TR6B	UL RED	RED Diffused	GaAlAs	20	15	1.7/2.6	660	20	55°	1
	L080TR4B	HE RED	RED Diffused	GaAsP/GaP	20	6	2.0/2.6	635	45		
	L080TR1B	RED	RED Diffused	GaAsP/GaAs	20	2	1.7/2.0	655	40		
	L080TO4B	ORANGE	ORNG Diffused	GaAsP/GaP	20	3	2.0/2.6	610	35		
	L080TY4B	YELLOW	YELL Diffused	GaAsP/GaP	20	4	2.1/2.6	585	35		
<b>SMT Axial Water-Clear Lens "Gull Wing"</b>  1500 Parts per Reel	SML080CWR3K-011	UL RED	Water-Clear	GaAlAs	20	300	2.0/2.6	660	20	35°	2
	SML080CWR6B-011	UL RED	Water-Clear	GaAlAs	20	60	1.7/2.6	660	20		
	SML080CWR5B-011	HE RED	Water-Clear	GaAsP/GaP	20	40	2.0/2.6	635	45		
	SML080CWE3K-011	SP RED	Water-Clear	InGaAlP	20	600	2.2/2.4	633	17		
	SML080CWO3K-011	SP ORANGE	Water-Clear	AlGaInP	20	250	2.0/2.6	620	17		
	SML080CWY3K-011	SP YELLOW	Water-Clear	AlGaInP	20	250	2.0/2.6	588	15		
	SML080CWY5B-011	YELLOW	Water-Clear	GaAsP/GaP	20	30	2.1/2.6	585	35		
	SML080CWG5B-011	HE GREEN	Water-Clear	GaP/GaP	20	45	2.2/2.6	568	30		
	SML080CWPG5B-011	PURE GREEN	Water-Clear	GaP/GaP	20	15	2.2/2.6	555	25		
	SML080CWAG3K-011	AQUA GREEN	Water-Clear	SiC/GaN	20	320	3.5/4.0	525	36		
SML080CWPB1K-011	SP BLUE	Water-Clear	SiC/GaN	20	60	3.6/4.0	470	30			
<b>SMT Axial Diffused Lens "Gull Wing"</b>  1500 Parts per Reel	SML080TR6B-011	UL RED	RED Diffused	GaAlAs	20	15	1.7/2.6	660	20	55°	2
	SML080TR3B-011	HE RED	RED Diffused	GaAsP/GaP	20	6	2.0/2.6	635	45		
	SML080TR1B-011	RED	RED Diffused	GaAsP/GaAs	20	2	1.7/2.0	655	40		
	SML080TO3B-011	ORANGE	ORNG Diffused	GaAsP/GaP	20	3	2.0/2.6	610	35		
	SML080TY3B-011	YELLOW	YELL Diffused	GaAsP/GaP	20	4	2.1/2.6	585	35		
SML080TG3B-011	HE GREEN	GRN Diffused	GaP/GaP	20	7	2.2/2.6	568	30			

Part No. Example SML080CWG5B-011 = TAPE & REEL SML080CWG5B-012 = BULK

Figure 1

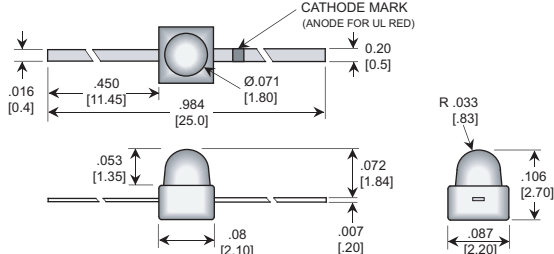
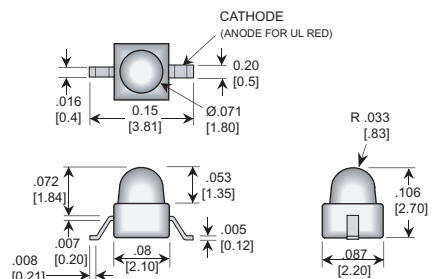


Figure 2



Log 101A Rev 10-2001