

VERTICAL LED ASSEMBLIES

Extruded Vertical LED Assemblies

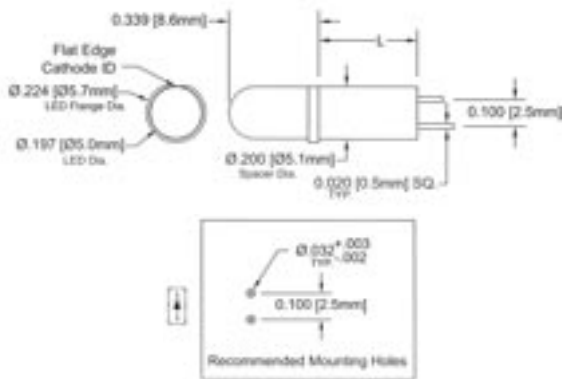
- Stock lengths .030" - .850" (1.0mm - 21.0mm)
- Available on tape and reel in .050" - .500" (2mm - 13mm) lengths 1,000 per reel
- Additional LED colors Available

Examples:

ELM1 220 5RD (T)
 ———— Optional Tape and Reel
 ———— T-1 3/4 Red Diffused LED
 ———— Length "L" of .220 (5.6mm)
 ———— Series/Profile

ELM 1 Series

T-1 3/4 (5mm) Narrow Profile



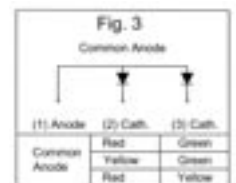
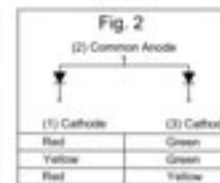
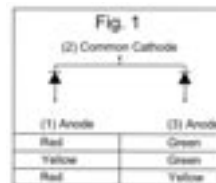
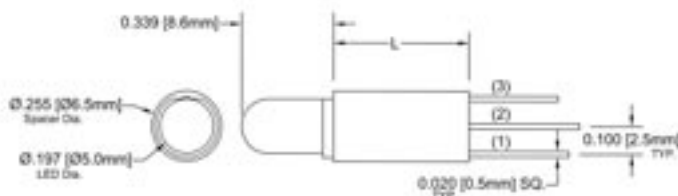
LED Assy. No.	Peak Wave Length	Emitted Color	Lens Appearance	Electro-Optical Data @20mA				Viewing Angle 2 θ 1/2 (deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
					TYP	TYP			
ELM1XXX5BWD	430	BLUE	DIFFUSED	20	4.0	4.5	20.0	45	5BWD-F
ELM1XXX5GD	565	GREEN	DIFFUSED	20	2.2	2.6	30.0	45	5GD-F
ELM1XXX5YD	585	YELLOW	DIFFUSED	20	2.1	2.6	20.0	45	5YD-F
ELM1XXX5HD	635	HE RED	DIFFUSED	20	2.0	2.6	30.0	45	5HD-F
ELM1XXX5RD	655	RED	DIFFUSED	20	1.7	2.0	6.0	45	5RD-F
ELM1XXX5SRD	660	SUPER RED	DIFFUSED	20	1.7	2.6	90.0	45	5SRD-F
Low Current				Data @2mA					
ELM1XXX5GDL	565	GREEN	DIFFUSED	2	1.8	2.2	3.0	45	5GDL-F
ELM1XXX5YDL	585	YELLOW	DIFFUSED	2	1.9	2.2	3.0	45	5YDL-F
ELM1XXX5HDL	635	HE RED	DIFFUSED	2	1.8	2.2	3.0	45	5HDL-F
5 Volt				Data @10mA					
ELM1XXX5GD5V	565	GREEN	DIFFUSED	10	-	5.0	25.0	45	5GD5V-F
ELM1XXX5YD5V	585	YELLOW	DIFFUSED	10	-	5.0	20.0	45	5YD5V-F
ELM1XXX5HD5V	635	HE RED	DIFFUSED	10	-	5.0	50.0	45	5HD5V-F

ELM 3 Series

T-1 3/4 (5mm) Standard Profile



LED Assy. No.	Peak Wave Length	Emitted Color	Lens Appearance	Abs. Max. Rating	Electro-Optical Data @20mA			Viewing Angle 2 θ 1/2 (deg)	LED P/N
					If (mA)	Vf (V)			
						TYP	MAX	TYP	
ELM3XXX5BC-3 <i>(Fig.1)</i>	635	HE RED	WHITE	30	2.0	2.6	35.0	40	5BC-3-F
	568	GREEN	DIFFUSED	30	2.2	2.6	35.0		
ELM3XXX5BC-3-YG <i>(Fig.1)</i>	585	YELLOW	WHITE	30	2.1	2.6	30.0	40	5BC-3-Y/G-F
	568	GREEN	DIFFUSED	30	2.2	2.6	35.0		
ELM3XXX5BC3CA <i>(Fig.2)</i>	635	HE RED	WHITE	30	2.0	2.6	35.0	40	5BC-3-CA-F
	568	GREEN	DIFFUSED	30	2.2	2.6	35.0		
ELM3XXX5BC3YGCA <i>(Fig.2)</i>	585	YELLOW	WHITE	30	2.1	2.6	30.0	40	5BC-3-Y/G-CA-F
	568	GREEN	DIFFUSED	30	2.2	2.6	35.0		
ELM3XXX5BC3-B <i>(Fig.3)</i>	585	YELLOW	WHITE	30	2.0	2.6	35.0	40	5BC-3-CA-B-F
	635	HE RED	DIFFUSED	30	2.2	2.6	35.0		
ELM3XXX5BC3YGB <i>(Fig.3)</i>	585	YELLOW	WHITE	30	2.1	2.6	30.0	40	5BC-3-Y/G-CA-B-F
	568	GREEN	DIFFUSED	30	2.2	2.6	35.0		



Mouser Electronics

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BIVAR:

[ELM12205GDL](#) [ELM12205HD](#) [ELM12205HDL](#) [ELM12205RD](#) [ELM12205YDL](#)