



Package	Part No. FYL-	Chip		Lens Appearance	Absolute Maximum Ratings				Electro-optical Data(At 20mA)			Viewing Angle 2 θ 1/2 (deg)	Drawing No.
		Material/Emitted Color	Peak Wave Length λ p (nm)		Δ λ (nm)	Pd (mw)	If (mA)	Peak (mA)	Vf(V)		Iv (mcd)		
									Typ	Max	Typ		
T-1 Standard 1.0" Lead φ 3	3004HD	GaP/GaP Red	700	Red diffused	90	40	15	50	2.25	2.60	3.0	60	L-001
	3004GD	GaP/GaP Green	570	Green diffused	30	80	30	150	2.20	2.50	15	60	
	3004ED	GaAsP/GaP Orange	635	Red diffused	35	80	30	150	2.10	2.50	20	60	
	3004ED-E	GaAsP/GaP Orange	635	Orange diffused	35	80	30	150	2.10	2.50	20	60	
	3004YD	GaAsP/GaP Yellow	585	Yellow diffused	35	80	30	150	2.10	2.50	15	60	
	3004GT	GaP/GaP Green	570	Green trans	30	80	30	150	2.20	2.50	40	30	
	3004ET	GaAsP/GaP Orange	635	Red trans	35	80	30	150	2.10	2.50	50	30	
	3004ET-E	GaAsP/GaP Orange	635	Orange trans	35	80	30	150	2.10	2.50	50	30	
3004YT	GaAsP/GaP Yellow	585	Yellow trans	35	80	30	150	2.10	2.50	40	30		
T-1 Standard 0.5" Lead φ 3	3012HD	GaP/GaP Red	700	Red diffused	90	40	15	50	2.25	2.60	3.6	80	L-002
	3012GD	GaP/GaP Green	570	Green diffused	30	80	30	150	2.20	2.50	12	80	
	3012ED	GaAsP/GaP Orange	635	Red diffused	35	80	30	150	2.10	2.50	16	80	
	3012ED-E	GaAsP/GaP Orange	635	Orange diffused	35	80	30	150	2.10	2.50	16	80	
	3012YD	GaAsP/GaP Yellow	585	Yellow diffused	35	80	30	150	2.10	2.50	12	80	

