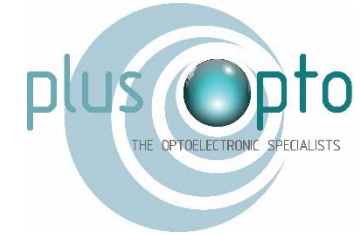


# Low Power Infra Red Emitter Selector Guide



5.0mm T1 3/4



3.0mm T1



Side Emit



Features include:-

- Through hole radial lead frame
- Low forward voltage
- Optimised for speed and efficiency Choice of wavelength
- Choice of emission angle

## Applications

- Instrumentation, IR communication, Optical switch

Part No	Package	Chip		Power (Pd)	Forward Voltage (Vf)		Radiant Intensity (Ie mW/sr)	Viewing angle 2θ½
		Material	Peak Wavelength (nm)		Min.	Max.		
SIR204	3.0mm (T1)	GaAlAs	875	100mW	1.3	1.6	6.4 @20mA	30°
LIR2043	3.0mm (T1)	GaAlAs	940	100mW	1.2	1.6	4.5 @20mA	30°
LHIR2043-50/A	3.0mm (T1)	AlGaAs	850	100mW	1.2	1.6	17 @20mA	50°
HIR7373C	5.0mm (T13/4)	GaAlAs	850	150mW	1.45	1.65	15 @20mA 75 @100mA tp=20ms	40°
LVIR3831-T20	5.0mm (T13/4)	GaAlAs	940	200mW	1.2	1.6	40 @20mA	20°
LIR3333/A	5.0mm (T13/4)	GaAlAs	940	100mW	1.2	1.6	10 @20mA	20°
LVIR3331/A	5.0mm (T13/4)	GaAlAs	940	100mW	1.2	1.6	17 @ 20mA	20°
LHIR3333-T50/A	5.0mm (T13/4)	GaAlAs	850	100mW	1.2	1.6	180 @50mA	20°
LHIR3333-30/A	5.0mm (T13/4)	GaAlAs	850	100mW	1.2	1.6	29 @20mA	30°
LTE302	Side Emit	GaAlAs	940	75mW	1.4	2.6	1.5 @20mA	40°

Other emission angles available on request