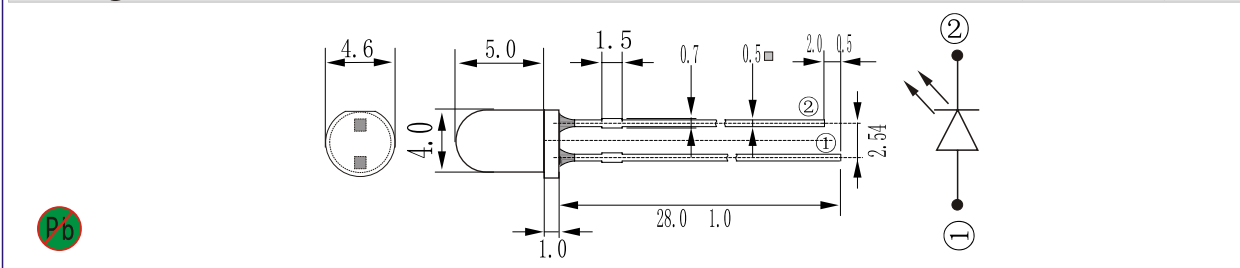


φ4mm Flange LEDS

Part Number	Emitting Material	Wave Length λ_D (nm)	Emitting Color	Lens Type	V_F (v)	I_V (mcd)	Viewing Angle $2\theta_{1/2}$ (°)
					Typ. (at 20 mA)		
CL-4R4PD	GaAlAs	700	Red	Red Diffused	2.3	10	25
CL-4W4HD	GaAsP/GaP	—	White	White Diffused	2.1	50	25
CL-4G4HD	GaP	550	Green	Green Diffused	2.2	80	25
CL-4Y4HD	GaAsP/GaP	585	Yellow	Yellow Diffused	2.1	60	25
CL-4B4HD	GaInN	460	Blue	Blue Diffused	2.0	80	25
CL-4R4HW	GaAsP/GaP	645	Red	White Diffused	2.0	35	25
CL-4W4HW	GaP	—	White	White Diffused	3.3	20	25
CL-4G4HW	GaAsP/GaP	550	Green	White Diffused	2.2	20	25
CL-4Y4HW	GaInN	585	Yellow	White Diffused	2.0	300	25
CL-4B4HW	GaInN	460	Blue	White Diffused	3.2	450	25
CL-4R4PT	GaAlAs	645	Red	Red Transparent	2.0	450	20
CL-4W4HT	GaAsP/GaP	—	White	White Transparent	3.3	250	20
CL-4G4HT	GaP	550	Green	Green Transparent	2.2	180	20
CL-4Y4HT	GaAsP/GaP	585	Yellow	Yellow Transparent	2.1	150	20
CL-4B4HT	GaAsP/GaP	460	Blue	Blue Transparent	3.2	150	20
CL-4R4SC	GaAlAs	645	Red	Water Clear	2.0	400	25
CL-4W4SC	GaAsP/GaP	—	White	Water Clear	3.3	250	25
CL-4G4SC	GaP	550	Green	Water Clear	2.2	150	25
CL-4Y4SC	GaAsP/GaP	585	Yellow	Water Clear	2.1	600	25
CL-4B4SC	GaAsP/GaP	460	Blue	Water Clear	3.2	400	25
CL-4P4HC	GaInN	400	Purple	Water Clear	3.4	30	25
CL-4B4SC	GaInN	450	Blue	Water Clear	3.4	800	25
CL-4O4SC	GaInN	610	Orange	Water Clear	3.4	800	25
CL-4G4UC	GaInN	525	Green	Water Clear	3.4	1000	25
CL-4W4UC	GaInN	—	White	Water Clear	3.4	2000	25

Package Outlines (unit:mm)



Remark : 1. All dimensions are in millimeters, tolerance is 0.25mm unless otherwise noted.
 2. Above specification is measured by CHANGLI's test instrument and may be changed without notice.
 3. Supplier will reserve authority on material change for above specification.