

Infrared Emitters

Ta=25 °C

Device No	Wavelength λ_p (nm)	Lens Color	Forward Voltage		Radiant Output Power (mw/sr)			View Angle 2 θ W	Drawing Figure
			Typ (V)	IF(mA)	Minimum	Typical	IF(mA)		
$\phi 3$ HIRB3b-44C	940	water clear	1.28	50	15.0	30.0	50	1-6	
	HIRB3b-44D	940	water clear	1.25	50	15.0	28.0		50
	HIRB3b-44E	880	water clear	1.47	50	13.0	22.0		50
	HIRB3b-44G	850	water clear	1.50	50	20.0	40.0		50
oval HIRB4Q-43D	940	water clear	1.25	50	30.0	60.0	50	1-7	
	HIRB4Q-43G	850	water clear	1.50	50	20.0	75.0		50
HIRB5RH-43D	940	water clear	1.25	50	30.0	50.0	50	1-8	
	HIRB5RH-43G	850	water clear	1.50	50	40.0	70.0		50
$\phi 5$	HIRB5-43C-A	940	water clear	1.28	50	35.0	70.0	50	1-9
	HIRB5-23C-B	940	colored clear	1.28	50	25.0	60.0	50	
	HIRB5-43C-B	940	water clear	1.28	50	25.0	60.0	50	
	HIRB5-23C-C	940	colored clear	1.28	50	25.0	40.0	50	
	HIRB5-43C-C	940	water clear	1.28	50	25.0	40.0	50	
	HIRB5-43D-A	940	water clear	1.25	50	45.0	80.0	50	
	HIRB5-43D-B	940	water clear	1.25	50	40.0	70.0	50	
	HIRB5-43D-C	940	water clear	1.25	50	30.0	50.0	50	
	HIRB5-43E-A	880	water clear	1.47	50	35.0	65.0	50	
	HIRB5-43E-B	880	water clear	1.47	50	25.0	50.0	50	
	HIRB5-43E-C	880	water clear	1.47	50	20.0	35.0	50	
	HIRB5-43G-A	850	water clear	1.50	50	65.0	140	50	
	HIRB5-43G-B	850	water clear	1.50	50	60.0	100	50	
	HIRB5-43G-C	850	water clear	1.50	50	50.0	80	50	

Dimension:

Unit : mm.

