



Part No.	Material	Emitter Color	Lens Type	Wave Length λ_p (nm)	At 20mA		View Angle $2\theta_{1/2}$ (deg)	Package Dimension
					Vf (V) Typ.	Iv (mcd) Typ.		
123HD	---	Red	Red Diffused	700	2.4	1.5	60	
123HRD-3	---	Red	Red Diffused	660	1.7	20	60	
123GD	---	Green	Green Diffused	568	2.2	15	60	
123YD	---	Yellow	Yellow Diffused	589	2.1	12	60	
123SOD	---	Orange	Orange Diffused	610	2	15	60	
214HD	---	Red	Red Diffused	700	2.4	3.5	50	
214HRD-3	---	Red	Red Diffused	660	1.7	70	50	
214GD	---	Green	Green Diffused	568	2.2	45	50	
214YD	---	Yellow	Yellow Diffused	589	2.1	40	50	
214SOD	---	Orange	Orange Diffused	610	2	45	50	
224HD	---	Red	Red Diffused	700	2.4	3	60	
224ID	---	Red	Red Diffused	635	1.9	55	60	
224HRD-3	---	Red	Red Diffused	660	1.7	60	60	
224GD	---	Green	Green Diffused	568	2.2	40	60	
224VGD	---	Green	Green Diffused	568	2.2	55	60	
224YD	---	Yellow	Yellow Diffused	589	2.1	35	60	
224VYD	---	Yellow	Yellow Diffused	589	2.1	50	60	
224SOD	---	Orange	Orange Diffused	610	2	40	60	
224HRC-3	---	Red	Water Clear	660	1.7	200	25	
224VGC	---	Green	Water Clear	568	2.2	120	25	
224VYC	---	Yellow	Water Clear	589	2.1	100	25	

NOTES:

- All dimensions are in millimeters.
- Tolerance is +/- 0.2mm unless otherwise specified
- Protruded resin under flange is 1.5mm MAX.
- Specifications are subject to change without notice.