Vollong Electronics Co.,Limited

Part Number	Color	Test Forward Current(mA)	Power Dissipation(W)	Color Temperture((K)	Dominant Wavelength(nm)	Peak Wavelength(nm)	Forward Voltage(V)	LuminousFlux(lm)	
VL-H01R620001	Red	400	0.9		620	630	2.00	40	MIN
					625	635	2.30	50	AVG
					630	640	2.80	70	MAX
VL-H01Y590001	Yellow	400	0.9		587	590	2.00	35	MIN
					590	595	2.30	45	AVG
					595	595	2.80	55	MAX
VL-H01B460001	Blue	350	1.1		460	458	3.00	15	MIN
					465	462	3.30	20	AVG
					470	471	3.60	30	MAX
VL-H01G5250001	Green	350	1.1		515	512	3.00	60	MIN
					525	519	3.30	70	AVG
					530	527	3.60	90	MAX

Characteristics Parameter At Ta=25℃

Parameter	Red /Yellow	Blue/Green
Viewing Angle (。)	120	120
Forward Current (mA)	400	350
Peak Pulsed Forward Current (mA) 1/10s	800	800
Color Rendering Index (Ra)		
Reverse Voltage (V)	≥5	≥5
Reverse Current (uA)	≤10	≤10
ESD Sensitivity (V)	3000	3000
Storage Temperature (℃)	-40℃ to + 100℃	-40℃ to + 100℃
Operating Temperature (℃)	-35℃ to + 50℃	-35℃ to + 50℃
Lead Soldering Temperature (℃)	300 for 3.5 Seconds	300 for 3.5 Seconds

Part Number	Color	Test Forward Current(mA)	Power Dissipation(W)	Color Temperture((K)	Dominant Wavelength(nm)	Peak Wavelength(nm)	Forward Voltage(V)	LuminousFlux(lm)	
VL-H01PW60001085	White	350	1.1	5000	490	450	3.00	80	MIN
				6000			3.30	85	AVG
				7000			3.60	90	MAX
VL-H01PW60001095	White	350	1.1	5000	490	450	3.00	90	MIN
				6000			3.30	95	AVG
				7000			3.60	100	MAX
VL-H01PW60001105	White	350	1.1	5000	490	450	3.00	100	MIN
				6000			3.30	105	AVG
				7000			3.60	110	MAX
VL-H01PW60001115	White	350	1.1	5000	490	450	3.00	110	MIN
				6000			3.30	115	AVG
				7000			3.60	120	MAX
VL-H01PW60001125	White	350	1.1	5000	490	450	3.00	120	MIN
				6000			3.30	125	AVG
				7000			3.60	130	MAX
VL-H01PW60001135	White	350	1.1	5000	490	450	3.00	130	MIN
				6000			3.30	135	AVG
				7000			3.60	140	MAX
VL-H01WW30001075	Warm White	350	1.1	2700	580	586	3.00	70	MIN
				3000			3.30	75	AVG
				3300			3.60	80	MAX
VL-H01WW30001085	Warm White	350	1.1	2700	580	586	3.00	80	MIN
				3000			3.30	85	AVG
				3300			3.60	90	MAX
VL-H01WW30001095	Warm White	350	1.1	2700	580	586	3.00	90	MIN
				3000			3.30	95	AVG
				3300			3.60	100	MAX
VL-H01WW30001105	Warm White	350	1.1	2700	580	586	3.00	100	MIN
				3000			3.30	105	AVG
				3300			3.60	110	MAX
VL-H01WW30001115	Warm White	350	1.1	2700	580	586	3.00	110	MIN
				3000			3.30	115	AVG
				3300			3.60	120	MAX

Characteristics Parameter At Ta=25℃

Parameter	White
Viewing Angle (。)	120
Forward Current (mA)	350
Peak Pulsed Forward Current (mA) 1/10s	800
Color Rendering Index (Ra)	⩾70(white)⩾60(warm white)
Reverse Voltage (V)	≥5
Reverse Current (uA)	≤10
ESD Sensitivity (V)	2000
Storage Temperature (℃)	-40℃ to + 100℃
Operating Temperature (℃)	-35℃ to + 50℃
Lead Soldering Temperature (℃)	300 for 3.5 Seconds