Epson EB-PQ2220B Hazard Distance Chart

The Hazard Distance HD Chart is organized by lens model for the EB-PQ2220B.

You will need to know your lens and throw ratio (TR) being used to calculate the Hazard Distance (HD).

Please contact RG3projector@ea.epson.com with any questions on Hazard Distance calculations.

ELPLX02/S/W/WS		ELPLU03		ELPLU03S		ELPLU04		ELPLW05		ELPLW08		ELPLW06		ELPLM08		ELPLM09		ELPLM15		ELPLM10		ELPLM11		ELPLL08	
TR	HD(m)	TR	HD(m)	TR	HD(m)	TR	HD(m)	TR	HD(m)	TR	HD(m)	TR	HD(m)	TR	HD(m)	TR	HD(m)	TR	HD(m)	TR	HD(m)	TR	HD(m)	TR	HD(m)
0.35	0.149587	0.48	0.16	0.48	0.229	0.64	0.324	0.77	0.253	0.86	0.455	1.19	0.653	1.08	0.344	1.57	0.555	1.57	0.926	2.42	1.419	3.54	1.974	5.27	2.593
		0.481	0.16	0.481	0.229	0.641	0.324	0.773	0.254	0.864	0.457	1.194	0.655	1.086	0.345	1.58	0.559	1.58	0.931	2.433	1.426	3.559	1.982	5.292	2.605
		0.482	0.16	0.482	0.229	0.643	0.324	0.776	0.255	0.867	0.459	1.199	0.657	1.093	0.346	1.59	0.562	1.59	0.937	2.446	1.433	3.578	1.99	5.313	2.618
		0.483	0.161	0.483	0.23	0.644	0.324	0.779	0.255	0.871	0.461	1.203	0.659	1.099	0.348	1.6	0.565	1.6	0.942	2.459	1.441	3.597	1.999	5.335	2.631
		0.484	0.161	0.484	0.23	0.645	0.325	0.782	0.256	0.874	0.463	1.207	0.662	1.106	0.349	1.61	0.569	1.61	0.948	2.472	1.448	3.616	2.007	5.356	2.644
		0.485	0.161	0.485	0.23	0.647	0.325	0.785	0.257	0.878	0.465	1.212	0.664	1.112	0.35	1.62	0.572	1.62	0.953	2.485	1.455	3.634	2.015	5.378	2.657
		0.485	0.161	0.485	0.23	0.648	0.325	0.788	0.258	0.881	0.468	1.216	0.666	1.119	0.351	1.63	0.575	1.63	0.959	2.498	1.462	3.653	2.023	5.4	2.67
		0.486	0.161	0.486	0.231	0.649	0.326	0.791	0.258	0.885	0.47	1.22	0.668	1.125	0.353	1.64	0.579	1.64	0.964	2.511	1.469	3.672	2.031	5.421	2.682
		0.487	0.162	0.487	0.231	0.651	0.326	0.794	0.259	0.888	0.472	1.225	0.67	1.132	0.354	1.65	0.582	1.65	0.97	2.524	1.476	3.691	2.039	5.443	2.695
		0.488	0.162	0.488	0.231	0.652	0.326	0.797	0.26	0.892	0.474	1.229	0.672	1.138	0.355	1.66	0.585	1.66	0.975	2.537	1.483	3.71	2.047	5.465	2.708
		0.489	0.162	0.489	0.232	0.653	0.326	0.8	0.26	0.895	0.476	1.233	0.674	1.145	0.356	1.67	0.589	1.67	0.981	2.55	1.49	3.729	2.055	5.486	2.72
		0.49	0.162	0.49	0.232	0.654	0.327	0.803	0.261	0.899	0.478	1.238	0.676	1.151	0.358	1.68	0.592	1.68	0.986	2.563	1.497	3.748	2.063	5.508	2.733
		0.491	0.162	0.491	0.232	0.656	0.327	0.806	0.262	0.902	0.48	1.242	0.678	1.158	0.359	1.69	0.595	1.69	0.992	2.576	1.503	3.767	2.071	5.529	2.746
		0.492	0.163	0.492	0.232	0.657	0.327	0.809	0.262	0.906	0.482	1.246	0.68	1.164	0.36	1.7	0.598	1.7	0.997	2.589	1.51	3.786	2.079	5.551	2.758
		0.493	0.163	0.493	0.233	0.658	0.327	0.812	0.263	0.909	0.484	1.251	0.682	1.171	0.361	1.71	0.602	1.71	1.003	2.602	1.517	3.804	2.087	5.573	2.771
		0.494	0.163	0.494	0.233	0.66	0.327	0.815	0.264	0.913	0.487	1.255	0.685	1.177	0.362	1.72	0.605	1.72	1.008	2.615	1.524	3.823	2.095	5.594	2.783
		0.495	0.163	0.495	0.233	0.661	0.328	0.818	0.264	0.917	0.489	1.259	0.687	1.183	0.363	1.73	0.608	1.73	1.013	2.628	1.531	3.842	2.103	5.616	2.796
		0.495	0.163	0.495	0.234	0.662	0.328	0.822	0.265	0.92	0.491	1.264	0.689	1.19	0.365	1.74	0.611	1.74	1.019	2.642	1.537	3.861	2.11	5.637	2.808
		0.496	0.164	0.496	0.234	0.664	0.328	0.825	0.266	0.924	0.493	1.268	0.691	1.196	0.366	1.75	0.614	1.75	1.024	2.655	1.544	3.88	2.118	5.659	2.821
		0.497	0.164	0.497	0.234	0.665	0.328	0.828	0.266	0.927	0.495	1.273	0.693	1.203	0.367	1.76	0.618	1.76	1.029	2.668	1.551	3.899	2.126	5.681	2.833
		0.498	0.164	0.498	0.234	0.666	0.329	0.831	0.267	0.931	0.497	1.277	0.695	1.209	0.368	1.77	0.621	1.77	1.035	2.681	1.557	3.918	2.134	5.702	2.845
		0.499	0.164	0.499	0.235	0.668	0.329	0.834	0.267	0.934	0.499	1.281	0.697	1.216	0.369	1.78	0.624	1.78	1.04	2.694	1.564	3.937	2.141	5.724	2.858
		0.5	0.164	0.5	0.235	0.669	0.329	0.837	0.268	0.938	0.501	1.286	0.699	1.222	0.37	1.79	0.627	1.79	1.045	2.707	1.57	3.956	2.149	5.746	2.87
		0.501	0.165	0.501	0.235	0.67	0.329	0.84	0.269	0.941	0.503	1.29	0.701	1.229	0.371	1.8	0.63	1.8	1.051	2.72	1.577	3.974	2.157	5.767	2.882
		0.502	0.165	0.502	0.236	0.672	0.33	0.843	0.269	0.945	0.505	1.294	0.703	1.235	0.372	1.81	0.634	1.81	1.056	2.733	1.583	3.993	2.164	5.789	2.895
		0.503	0.165	0.503	0.236	0.673	0.33	0.846	0.27	0.948	0.506	1.299	0.705	1.242	0.374	1.82	0.637	1.82	1.062	2.746	1.591	4.012	2.172	5.81	2.905
		0.504	0.165	0.504	0.236	0.674	0.33	0.849	0.27	0.952	0.506	1.303	0.704	1.248	0.375	1.83	0.641	1.83	1.068	2.759	1.598	4.031	2.179	5.832	2.916
		0.505	0.165	0.505	0.236	0.675	0.33	0.852	0.271	0.955	0.507	1.307	0.706	1.255	0.377	1.84	0.644	1.84	1.073	2.772	1.605	4.05	2.186	5.854	2.926
		0.505	0.166	0.505	0.237	0.677	0.331	0.855	0.271	0.959	0.508	1.312	0.707	1.261	0.378	1.85	0.648	1.85	1.079	2.785	1.612	4.069	2.194	5.875	2.937
		0.506	0.166	0.506	0.237	0.678	0.331	0.858	0.272	0.963	0.508	1.316	0.708	1.267	0.38	1.86	0.651	1.86	1.085	2.798	1.619	4.088	2.201	5.897	2.947
		0.507	0.166	0.507	0.237	0.679	0.331	0.861	0.273	0.966	0.509	1.32	0.71	1.274	0.381	1.87	0.655	1.87	1.091	2.811	1.626	4.107	2.208	5.918	2.957
		0.508	0.166	0.508	0.238	0.681	0.331	0.864	0.273	0.97	0.51	1.325	0.712	1.28	0.382	1.88	0.658	1.88	1.097	2.824	1.633	4.126	2.216	5.94	2.967
		0.509	0.166	0.509	0.238	0.682	0.331	0.867	0.274	0.973	0.511	1.329	0.712	1.287	0.384	1.89	0.661	1.89	1.102	2.837	1.64	4.144	2.223	5.962	2.978
		0.51	0.167	0.51	0.238	0.683	0.332	0.87	0.274	0.977	0.511	1.333	0.713	1.293	0.385	1.9	0.665	1.9	1.108	2.85	1.647	4.163	2.23	5.983	2.988
		0.511	0.167	0.511	0.238	0.685	0.332	0.873	0.275	0.98	0.511	1.338	0.714	1.3	0.386	1.91	0.668	1.91	1.114	2.863	1.654	4.182	2.237	6.005	2.998
		0.512	0.167	0.512	0.239	0.686	0.332	0.876	0.276	0.984	0.512	1.342	0.715	1.306	0.387	1.92	0.672	1.92	1.119	2.876	1.661	4.201	2.244	6.027	3.008
		0.513	0.167	0.513	0.239	0.687	0.332	0.879	0.276	0.987	0.512	1.346	0.716	1.313	0.389	1.93	0.675	1.93	1.125	2.889	1.668	4.22	2.251	6.048	3.018
		0.514	0.167	0.514	0.239	0.689	0.333	0.882	0.276	0.991	0.513	1.351	0.718	1.319	0.39	1.94	0.679	1.94	1.131	2.902	1.675	4.239	2.258	6.07	3.028
		0.515	0.168	0.515	0.239	0.69	0.333	0.885	0.277	0.994	0.513	1.355	0.719	1.326	0.391	1.95	0.682	1.95	1.136	2.915	1.682	4.258	2.265	6.091	3.037
		0.515	0.168	0.515	0.24	0.691	0.333	0.888	0.277	0.998	0.514	1.359	0.72	1.332	0.393	1.96	0.685	1.96	1.142	2.928	1.688	4.277	2.272	6.113	3.047
		0.516	0.168	0.516	0.24	0.693	0.333	0.891	0.278	1.001	0.514	1.364	0.721	1.339	0.394	1.97	0.689	1.97	1.148	2.941	1.695	4.296	2.279	6.135	3.057
		0.517	0.168	0.517	0.24	0.694	0.333	0.894	0.279	1.005	0.515	1.368	0.722	1.345	0.395	1.98	0.692	1.98	1.153	2.954	1.702	4.314	2.286	6.156	3.067
		0.518	0.168	0.518	0.241	0.695	0.334	0.897	0.279	1.008	0.515	1.372	0.723	1.352	0.396	1.99	0.695	1.99	1.159	2.967	1.709	4.333	2.293	6.178	3.076
		0.519	0.169	0.519	0.241	0.696	0.334	0.9	0.279	1.012	0.516	1.377	0.724	1.358	0.398	2	0.699	2	1.164	2.98	1.715	4.352	2.3	6.199	3.086
		0.52	0.169	0.52	0.241	0.698	0.334	0.903	0.28	1.016	0.516	1.381	0.725	1.364	0.399	2.01	0.702	2.01	1.17	2.993	1.722	4.371	2.307	6.221	3.095
		0.521	0.169	0.521	0.241	0.699	0.334	0.906	0.28	1.019	0.517	1.385	0.726	1.371	0.4	2.02	0.705	2.02	1.176	3.006	1.729	4.39	2.313	6.243	3.105
		0.522	0.169	0.522	0.242	0.7	0.334	0.909	0.281	1.023	0.517	1.39	0.727	1.377	0.401	2.03	0.709	2.03	1.181	3.019	1.735	4.409	2.32	6.264	3.114
		0.523	0.169	0.523	0.242	0.702	0.335	0.912	0.281	1.026	0.518	1.394	0.728	1.384	0.402	2.04	0.712	2.04	1.187	3.032	1.742	4.428	2.327	6.286	3.123
		0.524	0.17	0.524	0.242	0.703	0.335	0.915	0.282	1.03	0.518	1.398	0.729	1.39	0.403	2.05	0.715	2.05	1.192	3.045	1.749	4.447	2.333	6.308	3.133
		0.525	0.17	0.525	0.243	0.704	0.335	0.918	0.282	1.033	0.519	1.403	0.73	1.397	0.405	2.06	0.719	2.06	1.198	3.058	1.755	4.466	2.34	6.329	3.142
		0.525	0.17	0.525	0.242	0.706	0.335	0.922	0.283	1.037	0.519	1.407	0.732	1.403	0.406	2.07	0.722	2.07	1.204	3.072	1.761	4.484	2.346	6.351	3.152
		0.526	0.17	0.526	0.242	0.707	0.336	0.925	0.284	1.04	0.52	1.412	0.733	1.41	0.407	2.08	0.726	2.08	1.209	3.085	1.767	4.503	2.352	6.372	3.163
		0.527	0.169	0.527	0.242	0.708	0.336	0.928	0.283	1.044	0.521	1.416	0.735	1.416	0.408	2.09	0.729	2.09	1.215	3.098	1.772	4.522	2.358	6.394	3.173
		0.528	0.169	0.528	0.242	0.71	0.336	0.931	0.283	1.047	0.522	1.42	0.736	1.423	0.41	2.1	0.733	2.1	1.221	3.111	1.778	4.541	2.364	6.416	3.183
		0.529	0.169	0.529	0.242	0.711	0.337	0.934	0.284	1.051	0.523	1.425	0.737	1.429	0.411	2.11	0.736	2.11	1.227	3.124	1.784	4.56	2.37	6.437	3.194
		0.53	0.169	0.53	0.242	0.712	0.337	0.937	0.284	1.054	0.523	1.429	0.738	1.436	0.412	2.12	0.74	2.12	1.233	3.137	1.789	4.579	2.376	6.459	3.204
		0.531	0.169	0.531	0.242	0.714	0.337	0.94	0.284	1.058	0.524	1.433	0.74	1.442	0.413	2.13	0.743	2.13	1.239	3.15	1.795	4.598	2.382	6.481	3.214
		0.532	0.169	0.532	0.241	0.715	0.338	0.943	0.284	1.062	0.525	1.438	0.742	1.448	0.414	2.14	0.747	2.14	1.245	3.163	1.8	4.617	2.387	6.502	3.224
		0.533	0.169	0.533	0.241	0.716	0.338	0.946	0.284	1.065	0.526	1.442	0.743	1.455	0.415	2.15	0.75	2.15	1.251	3.176	1.805	4.636	2.393	6.524	3.234
		0.534	0.169	0.534	0.241	0.717	0.338	0.949	0.285	1.069	0.526	1.446	0.744	1.461	0.417	2.16	0.754	2.16	1.256	3.189	1.811	4.654	2.398	6.545	3.244
		0.535	0.169	0.535	0.241	0.719	0.339	0.952	0.285	1.072	0.527	1.451	0.746	1.468	0.418	2.17	0.757	2.18	1.262	3.202	1.816	4.673	2.404	6.567	3.254
		0.535	0.169	0.535	0.241	0.72	0.339	0.955	0.285	1.076	0.527	1.455	0.748	1.474	0.419	2.18	0.761	2.18	1.268	3.215	1.821	4.692	2.409	6.589	3.264
		0.536	0.168	0.536	0.241	0.721	0.339	0.958	0.285	1.079	0.528	1.459	0.748	1.481	0.42	2.19	0.764	2.19	1.274	3.228	1.826	4.711	2.415	6.61	3.274
		0.537	0.168	0.537	0.24	0.723	0.34	0.961	0.285	1.083	0.529	1.464	0.749	1.487	0.421	2.2	0.768	2.2	1.279	3.241	1.832	4.73	2.42	6.632	3.284
		0.538	0.168	0.538	0.24	0.724	0.34	0.964	0.286	1.086	0.53	1.468	0.751	1.494	0.422	2.21	0.771	2.21	1.285	3.254	1.837	4.749	2.425	6.653	3.293
		0.539	0.168	0.539	0.24	0.725	0.34	0.967	0.286	1.09	0.531	1.472	0.752	1.5	0.423	2.22	0.774	2.22	1.29	3.267	1.842	4.768	2.43	6.675	3.303
		0.54	0.168	0.54	0.24	0.727	0.341	0.97	0.286	1.093	0.531	1.477	0.753	1.507	0.424	2.23	0.778	2.23	1.296	3.28	1.847	4.787	2.436	6.697	3.313
		0.541	0.168	0.541	0.24	0.728	0.341	0.973	0.286	1.097	0.532	1.481	0.755	1.513	0.425	2.24	0.781	2.24	1.302	3.293	1.852	4.806	2.441	6.718	3.322
		0.542	0.168	0.542	0.24	0.729	0.341	0.976	0.286	1.1	0.533	1.485	0.755	1.52	0.427	2.25	0.784	2.25	1.307	3.306	1.857	4.824	2.446	6.74	3.332
		0.543	0.168	0.543	0.239	0.731	0.342	0.979	0.286	1.104	0.533	1.49	0.756	1.526	0.428	2.26	0.788	2.26	1.313	3.319	1.861	4.843	2.451	6.762	3.341
		0.544	0.167	0.544	0.239	0.732	0.342	0.982	0.287	1.107	0.534	1.494	0.758	1.533	0.429	2.27	0.791	2.28	1.318	3.332	1.866	4.862	2.455	6.783	3.351
		0.545	0.167	0.545	0.239	0.733	0.342	0.985	0.287	1.111	0.535	1.498	0.759	1.539	0.43	2.28	0.794	2.28	1.324	3.345	1.871	4.881	2.46	6.805	3.36
		0.545	0.167	0.545	0.239	0.735	0.343	0.988	0.287	1.115	0.535	1.503	0.76	1.545	0.431	2.29	0.797	2.29	1.329	3.358	1.876	4.9	2.465	6.826	3.369
		0.546	0.167	0.546	0.239	0.736	0.343	0.991	0.287	1.118	0.536	1.507	0.761	1.552	0.432	2.3	0.801	2.3	1.335	3.371	1.88	4.919	2.47	6.848	3.379
		0.547	0.167	0.547	0.238	0.737	0.343	0.994	0.287	1.122	0.536	1.511	0.761	1.558	0.433	2.31	0.804	2.31	1.34	3.384	1.885	4.938	2.474	6.87	3.388
		0.548	0.167	0.548	0.238	0.738	0.343	0.997	0.287	1.125	0.537	1.516	0.762	1.565	0.434	2.32	0.807	2.32	1.345	3.397	1.889	4.957	2.479	6.891	3.395
		0.549	0.167	0.549	0.238	0.74	0.344	1	0.287	1.129	0.538	1.52	0.762	1.571	0.435	2.33	0.81	2.33	1.35	3.41	1.893	4.976	2.484	6.913	3.402
		0.55	0.166	0.55	0.238	0.741	0.344	1.003	0.288	1.132	0.539	1.524	0.763	1.578	0.436	2.34	0.813	2.34	1.355	3.423	1.898	4.994	2.488	6.934	3.409
		0.551	0.166	0.551	0.238	0.742	0.344	1.006	0.288	1.136	0.539	1.529	0.763	1.584	0.437	2.35	0.816	2.35	1.36	3.436	1.902	5.013	2.493	6.956	3.415
		0.552	0.166	0.552	0.237	0.744	0.345	1.009	0.288	1.139	0.54	1.533	0.763	1.591	0.438	2.36	0.819	2.36	1.364	3.449	1.906	5.032	2.497	6.978	3.422
		0.553	0.166	0.553	0.237	0.745	0.345	1.012	0.288	1.143	0.54	1.537	0.763	1.597	0.439	2.37	0.822	2.37	1.369	3.462	1.91	5.051	2.502	6.999	3.429
		0.554	0.166	0.554	0.237	0.746	0.345	1.015	0.288	1.146	0.541	1.542	0.763	1.604	0.44	2.38	0.824	2.38	1.374	3.475	1.914	5.07	2.506	7.021	3.435
		0.555	0.166	0.555	0.237	0.748	0.346	1.018	0.288	1.15	0.542	1.546	0.763	1.61	0.441	2.39	0.827	2.39	1.379	3.488	1.917	5.089	2.51	7.043	3.442
		0.555	0.165	0.555	0.236	0.749	0.346	1.022	0.288	1.153	0.542	1.551	0.763	1.617	0.442	2.4	0.83	2.4	1.383	3.502	1.921	5.108	2.514	7.064	3.448
		0.556	0.165	0.556	0.236	0.75	0.346	1.025	0.288	1.157	0.543	1.555	0.764	1.623	0.443	2.41	0.833	2.41	1.388	3.515	1.925	5.127	2.518	7.086	3.454
		0.557	0.165	0.557	0.236	0.752	0.347	1.028	0.288	1.161	0.543	1.559	0.764	1.629	0.444	2.42	0.836	2.42	1.393	3.528	1.929	5.146	2.522	7.107	3.46
		0.558	0.165	0.558	0.236	0.753	0.347	1.031	0.288	1.164	0.544	1.564	0.764	1.636	0.445	2.43	0.838	2.43	1.397	3.541	1.932	5.164	2.526	7.129	3.467
		0.559	0.165	0.559	0.236	0.754	0.347	1.034	0.289	1.168	0.544	1.568	0.764	1.642	0.446	2.44	0.841	2.44	1.402	3.554	1.936	5.183	2.53	7.151	3.473
		0.56	0.165	0.56	0.235	0.756	0.348	1.037	0.289	1.171	0.545	1.572	0.764	1.649	0.447	2.45	0.844	2.45	1.407	3.567	1.939	5.202	2.534	7.172	3.479
		0.561	0.164	0.561	0.235	0.757	0.348	1.04	0.289	1.175	0.546	1.577	0.764	1.655	0.448	2.46	0.847	2.46	1.411	3.58	1.942	5.221	2.537	7.194	3.485
		0.562	0.164	0.562	0.235	0.758	0.348	1.043	0.289	1.178	0.546	1.581	0.765	1.662	0.449	2.47	0.849	2.47	1.416	3.593	1.946	5.24	2.541	7.215	3.49
		0.563	0.164	0.563	0.235	0.759	0.348	1.046	0.289	1.182	0.547	1.585	0.765	1.668	0.45	2.48	0.852	2.48	1.42	3.606	1.949	5.259	2.544	7.237	3.496
		0.564	0.164	0.564	0.234	0.761	0.349	1.049	0.289	1.185	0.547	1.59	0.765	1.675	0.451	2.49	0.855	2.49	1.424	3.619	1.952	5.278	2.547	7.259	3.502
		0.565	0.164	0.565	0.234	0.762	0.349	1.052	0.289	1.189	0.548	1.594	0.765	1.681	0.452	2.5	0.857	2.5	1.429	3.632	1.955	5.297	2.551	7.28	3.507
		0.565	0.164	0.565	0.234	0.763	0.349	1.055	0.289	1.192	0.548	1.598	0.765	1.688	0.452	2.51	0.86	2.51	1.433	3.645	1.958	5.316	2.554	7.302	3.513
		0.566	0.163	0.566	0.234	0.765	0.35	1.058	0.289	1.196	0.549	1.603	0.765	1.694	0.453	2.52	0.862	2.52	1.437	3.658	1.961	5.334	2.557	7.324	3.518
		0.567	0.163	0.567	0.233	0.766	0.35	1.061	0.289	1.199	0.549	1.607	0.765	1.701	0.454	2.53	0.865	2.53	1.442	3.671	1.964	5.353	2.56	7.345	3.524
		0.568	0.163	0.568	0.233	0.767	0.35	1.064	0.289	1.203	0.55	1.611	0.766	1.707	0.455	2.54	0.868	2.54	1.446	3.684	1.967	5.372	2.563	7.367	3.529
		0.569	0.163	0.569	0.233	0.769	0.351	1.067	0.289	1.206	0.55	1.616	0.766	1.714	0.456	2.55	0.87	2.55	1.45	3.697	1.97	5.391	2.565	7.388	3.534
		0.57	0.163	0.57	0.232	0.77	0.351	1.07	0.289	1.21	0.551	1.62	0.766	1.72	0.457	2.56	0.873	2.56	1.454	3.71	1.973	5.41	2.568	7.41	3.539