

NEC Product	Technology	Category	Lumens	Screen Diag.	60"	72"	100"	120"	150"	200"	300"	400"
				Square Meters	1.1	1.5	2.9	4.2	6.5	11.6	26.1	46.4
L102W	DLP	Mobile	1,000	Divide lumens (left) by the screen size in square meters (above) to obtain figures below								
VE303, VE303X, V302H, ME301X, ME301W	DLP, DLP, DLP, LCD, LCD	Mobile, Education	909	667	345	238	154	86	38	22		
V311X, V311W	DLP	Mobile, Education	3,000	2727	2000	1034	714	462	259	115	65	
M332XS, M333XS, V332X, V332W, ME331X, ME331W	LCD, LCD, DLP, DLP, LCD, LCD	Education	3,100	2818	2067	1069	738	477	267	119	67	
M353WS, UM351W, UM352W	LCD	Education	3,300	3000	2200	1138	786	508	284	126	71	
UM361X, M363X, M363W, ME361X, ME361W	LCD	Education	3,500	3182	2333	1207	833	538	302	134	75	
MC372X, ME372W	LCD	Education	3,600	3273	2400	1241	857	554	310	138	78	
MC382W, ME382U, UM383WL	LCD	Education	3,700	3364	2467	1276	881	569	319	142	80	
M403X, P401W, M403H, ME401X, ME401W, ME402X	DLP, LCD, DLP, LCD, LCD, LCD	Installation, Education	3,800	3455	2533	1310	905	585	328	146	82	
P451X, P452W, P452H, PE455WL, PE455UL	LCD, DLP, DLP, LCD, LCD	Installation, Education	4,000	3636	2667	1379	952	615	345	153	86	
P474W, P474U	LCD	Installation, Education	4,500	4091	3000	1552	1071	692	388	172	97	
P501X, P502W, P502H, P502WL, P502HL, P502WL-2, P502HL-2, P506QL	LCD, DLP, DLP, DLP, DLP	Installation, Education	4,700	4273	3133	1621	1119	723	405	180	101	
PA521U, P525WL, P525UL	LCD	Installation, Education	5,000	4545	3333	1724	1190	769	431	192	108	
P554W, P554U	LCD	Installation, Education	5,200	4727	3467	1793	1238	800	448	199	112	
PA571W	LCD	Installation, Education	5,500	5000	3667	1897	1310	846	474	211	119	
P605UL, PX602WL, PX602UL	DLP	Installation, Extended Use/Education	5,700	5182	3800	1966	1357	877	491	218	123	
PA621X, PA622U	LCD	Installation, Education	6,000	5455	4000	2069	1429	923	517	230	129	
PA653U, PA653UL	LCD	Installation, Education	6,200	5636	4133	2138	1476	954	534	238	134	
PA672W	LCD	Installation, Education	6,500	5909	4333	2241	1548	1000	560	249	140	
PA703UL	LCD	Installation, Education	6,700	6091	4467	2310	1595	1031	578	257	144	
PA722X	LCD	Installation, Education	7,000	6364	4667	2414	1667	1077	603	268	151	
PA803U, PA803UL, PX803UL	DLP	Installation/Extended Use	7,200	6545	4800	2483	1714	1108	621	276	155	
PA853W	LCD	Installation, Education	8,000	7273	5333	2759	1905	1231	690	307	172	
PA903X	LCD	Installation, Education	8,500	7727	5667	2931	2024	1308	733	326	183	
PA1004UL, PX1004UL, PX1005QL	LCD, DLP	Installation/Extended Use	9,000	8182	6000	3103	2143	1385	776	345	194	
PH1202HL1	3-Chip DLP	Installation/Extended Use	10,000	9091	6667	3448	2381	1538	862	383	216	
PX2000UL	DLP	Installation/Extended Use	12,000	10909	8000	4138	2857	1846	1034	460	259	
PH2601QL	3-Chip DLP	Installation/Extended Use	20,000	18182	13333	6897	4762	3077	1724	766	431	
PH3501QL	3-Chip DLP	Installation/Extended Use	30,000	27273	20000	10345	7143	4615	2586	1149	647	
			40,000	36364	26667	13793	9524	6154	3448	1533	862	

1LUMEN per square meter is equal to 1 LUX

Screen gain of 1.0 is assumed

Ambient Light

Minimum of 200 lumens per square meter is required for environments with low ambient light.

Minimum of 500 lumens per square meter is required for environments with some ambient light.

Minimum of 700 lumens per square meter is required for environments with high ambient light.

Low

Moderate

High

NEC Product	Technology	Category	Lumens	Screen Diag.	60"	72"	100"	120"	150"	200"	300"	400"
				Square Meters	1.1	1.5	2.9	4.2	6.5	11.6	26.1	46.4
L102W	DLP	Mobile	1,000	Divide lux (above) by 3 to obtain figures below								
VE303, VE303X, V302H, ME301X, ME301W	DLP, DLP, DLP, LCD, LCD	Mobile, Education	3,000	303	222	115	79	51	29	13	7	
V311X, V311W	DLP	Mobile, Education	3,100	909	667	345	238	154	86	38	22	
M332XS, M333XS, V332X, V332W, ME331X, ME331W	LCD, LCD, DLP, DLP, LCD, LCD	Education	3,300	939	689	356	246	159	89	40	22	
M353WS, UM351W, UM352W	LCD	Education	3,500	1000	733	379	262	169	95	42	24	
UM361X, M363X, M363W, ME361X, ME361W	LCD	Education	3,600	1061	778	402	278	179	101	45	25	
MC372X, ME372W	LCD	Education	3,700	1091	800	414	286	185	103	46	26	
MC382W, ME382U, UM383WL	LCD	Education	3,800	1121	822	425	294	190	106	47	27	
M403X, P401W, M403H, ME401X, ME401W, ME402X	DLP, LCD, DLP, LCD, LCD, LCD	Installation, Education	4,000	1152	844	437	302	195	109	49	27	
P451X, P452W, P452H, PE455WL, PE455UL	LCD, DLP, DLP, LCD, LCD	Installation, Education	4,500	1212	889	460	317	205	115	51	29	
P474W, P474U	LCD	Installation, Education	4,700	1364	1000	517	357	231	129	57	32	
P501X, P502W, P502H, P502WL, P502HL, P502WL-2, P502HL-2, P506QL	LCD, DLP, DLP, DLP, DLP	Installation, Education	5,000	1424	1044	540	373	241	135	60	34	
PA521U, P525WL, P525UL	LCD	Installation, Education	5,200	1515	1111	575	397	256	144	64	36	
P554W, P554U	LCD	Installation, Education	5,500	1576	1156	598	413	267	149	66	37	
PA571W	LCD	Installation, Education	5,700	1667	1222	632	437	282	158	70	40	
P605UL, PX602WL, PX602UL	DLP	Installation, Extended Use/Education	6,000	1727	1267	655	452	292	164	73	41	
PA621X, PA622U	LCD	Installation, Education	6,200	1818	1333	690	476	308	172	77	43	
PA653U, PA653UL	LCD	Installation, Education	6,500	1879	1378	713	492	318	178	79	45	
PA672W	LCD	Installation, Education	6,700	1970	1444	747	516	333	187	83	47	
PA703UL	LCD	Installation, Education	7,000	2030	1489	770	532	344	193	86	48	
PA722X	LCD	Installation, Education	7,200	2121	1556	805	556	359	201	89	50	
PA803U, PA803UL, PX803UL	DLP	Installation/Extended Use	8,000	2182	1600	828	571	369	207	92	52	
PA853W	LCD	Installation/Extended Use	8,500	2424	1778	920	635	410	230	102	57	
PA903X	LCD	Installation, Education	9,000	2576	1889	977	675	436	244	109	61	
PA1004UL, PX1004UL, PX1005QL	LCD, DLP	Installation, Education	10,000	2727	2000	1034	714	462	259	115	65	
PH1202HL1	3-Chip DLP	Installation/Extended Use	12,000	3030	2222	1149	794	513	287	128	72	
PX2000UL	DLP	Installation/Extended Use	20,000	3636	2667	1379	952	615	345	153	86	
PH2601QL	3-Chip DLP	Installation/Extended Use	30,000	6061	4444	2299	1587	1026	575	255	144	
PH3501QL	3-Chip DLP	Installation/Extended Use	40,000	9091	6667	3448	2381	1538	862	383	216	
				12121	8889	4598	3175	2051	1149	511	287	

1NIT is equal to 1/3 LUX

Screen gain of 1.0 is assumed

Ambient Light

Minimum of 600 nits is required for environments with low ambient light.

Minimum of 200 nits is required for environments with some ambient light.

Minimum of 500 nits is required for environments with high ambient light.

Low

Moderate

High