



Queendom Technology Co., Ltd

QUEENDOM LEDS

High Power LEDs

Ceramic High Power LEDs ----- 2-7

High Power LED ----- 8-9

SMD LED

Top-Emitting PLCC SMD LED ----- 10-14

Top-Emitting Chip SMD LED ----- 15-20

Multi-Color SMD LED

Smd BI-Color LEDS ----- 21-24

Smd RGB LEDS ----- 25-26

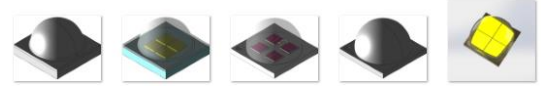


Queendom Ceramic High Power LEDs

Queendom Color 3535 LEDs

SIZE: 3.50 × 3.50 × 2.00 MM Sku: 8541401000HP01

Industry standard emitters are available in blue, green, yellow, red and direct red.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (lm)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
HP3535B52WE	HP0125	460	460	470	26	55	2.6	3.2	50	300	8541401000HP0125
HP3535B62WE	HP0126	470	470	480	26	55	2.6	3.2	50	300	8541401000HP0126
HP3535G02WE	HP0127	500	500	510	60	95	2.6	3.2	110	300	8541401000HP0127
HP3535G12WE	HP0128	510	510	520	75	120	2.6	3.2	120	300	8541401000HP0128
HP3535G22WE	HP0129	520	520	530	75	120	2.6	3.2	130	300	8541401000HP0129
HP3535G32WE	HP0130	530	530	540	75	120	2.6	3.2	125	300	8541401000HP0130
HP3535Y22WE	HP0131	585	585	595	34	60	1.8	2.4	55	300	8541401000HP0131
HP3535AO2WE	HP0132	605	600	610	34	65	1.8	2.4	60	300	8541401000HP0132
HP3535R22WE	HP0133	620	610	630	34	65	1.8	2.4	65	300	8541401000HP0133
HP3535R32WE	HP0134	630	620	640	26	55	1.8	2.4	60	300	8541401000HP0134
HP3535R42WE	HP0135	640	640	660	22	45	1.8	2.4	60	300	8541401000HP0135
HP3535R52WE	HP0136	660	660	680	8	18	1.8	2.4	20	300	8541401000HP0136
HP3535B52WF	HP0137	460	460	470	75	120	2.6	3.2	50	700	8541401000HP0137
HP3535B62WF	HP0138	470	470	480	75	120	2.6	3.2	50	700	8541401000HP0138
HP3535G02WF	HP0139	500	500	510	190	240	2.6	3.2	110	700	8541401000HP0139
HP3535G12WF	HP0140	510	510	520	190	240	2.6	3.2	120	700	8541401000HP0140
HP3535G22WF	HP0141	520	520	530	200	280	2.6	3.2	130	700	8541401000HP0141
HP3535G32WF	HP0142	530	530	540	200	280	2.6	3.2	125	700	8541401000HP0142
HP3535Y22WF	HP0143	585	585	595	95	120	1.8	2.4	55	700	8541401000HP0143
HP3535AO2WF	HP0144	605	600	610	95	120	1.8	2.4	60	700	8541401000HP0144
HP3535R22WF	HP0145	620	610	630	95	140	1.8	2.4	65	700	8541401000HP0145
HP3535R32WF	HP0146	630	620	640	95	140	1.8	2.4	60	700	8541401000HP0146
HP3535R42WF	HP0147	640	640	660	28	45	1.8	2.4	60	700	8541401000HP0147
HP3535R62WF	HP0148	660	660	680	18	26	1.8	2.4	30	700	8541401000HP0148

Queendom White 3535 LEDs

SIZE: 3.50 × 3.50 × 2.00 MM Sku: 8541401000HP01
Industry standard white emitters are available in warm white, pure white, and cool white.

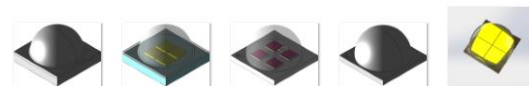


PRODUCT	RANK	NOMINAL	CRI	FLUX (lm)		VOLTAGE (V)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2θ 1/2	(mA)	
HP3535WY2WE	HP0101	2700K	80	100	160	2.8	3.2	130	120	300	8541401000HP0101
HP3535WV2WE	HP0102	3000K	80	100	160	2.8	3.2	130	120	300	8541401000HP0102
HP3535WU2WE	HP0103	3500K	80	100	160	2.8	3.2	130	120	300	8541401000HP0103
HP3535WT2WE	HP0104	4000K	80	100	160	2.8	3.2	130	120	300	8541401000HP0104
HP3535WR2WE	HP0105	5000K	80	100	160	2.8	3.2	130	120	300	8541401000HP0105
HP3535WQ2WE	HP0106	5700K	80	100	160	2.8	3.2	130	120	300	8541401000HP0106
HP3535WP2WE	HP0107	6500K	80	100	160	2.8	3.2	130	120	300	8541401000HP0107
HP3535WD2WE	HP0108	7600K	80	100	160	2.8	3.2	130	120	300	8541401000HP0108
HP3535WY2WF	HP0109	2700K	80	190	240	2.8	3.2	130	120	700	8541401000HP0109
HP3535WV2WF	HP0110	3000K	80	190	240	2.8	3.2	130	120	700	8541401000HP0110
HP3535WU2WF	HP0111	3500K	80	190	240	2.8	3.2	130	120	700	8541401000HP0111
HP3535WT2WF	HP0112	4000K	80	190	240	2.8	3.2	130	120	700	8541401000HP0112
HP3535WR2WF	HP0113	5000K	80	190	240	2.8	3.2	130	120	700	8541401000HP0113
HP3535WQ2WF	HP0114	5700K	80	190	240	2.8	3.2	130	120	700	8541401000HP0114
HP3535WP2WF	HP0115	6500K	80	190	240	2.8	3.2	130	120	700	8541401000HP0115
HP3535WD2WF	HP0116	7600K	80	190	240	2.8	3.2	130	120	700	8541401000HP0116
HP3535WY4WF	HP0117	2700K	80	210	430	2.8	3.2	130	120	1000	8541401000HP0117
HP3535WV4WF	HP0118	3000K	80	210	430	2.8	3.2	130	120	1000	8541401000HP0118
HP3535WU4WF	HP0119	3500K	80	210	430	2.8	3.2	130	120	1000	8541401000HP0119
HP3535WT4WF	HP0120	4000K	80	210	430	2.8	3.2	130	120	1000	8541401000HP0120
HP3535WR4WF	HP0121	5000K	80	210	430	2.8	3.2	130	120	1000	8541401000HP0121
HP3535WQ4WF	HP0122	5700K	80	210	430	2.8	3.2	130	120	1000	8541401000HP0122
HP3535WP4WF	HP0123	6500K	80	210	430	2.8	3.2	130	120	1000	8541401000HP0123
HP3535WD4WF	HP0124	7600K	80	210	430	2.8	3.2	130	120	1000	8541401000HP0124

3

Queendom Color 5050 LEDs

SIZE: 5.00 × 5.00 × 2.00 MM Sku: 8541401000HP02
 Industry standard emitters are available in blue, green, yellow, red and direct red.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (lm)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
HP5050B52WF	HP0225	460	460	470	150	180	2.6	3.2	50	700	8541401000HP0225
HP5050B62WF	HP0226	470	470	480	150	180	2.6	3.2	50	700	8541401000HP0226
HP5050G02WF	HP0227	500	500	510	320	360	2.6	3.2	110	700	8541401000HP0227
HP5050G12WF	HP0228	510	510	520	320	360	2.6	3.2	120	700	8541401000HP0228
HP5050G22WF	HP0229	520	520	530	390	440	2.6	3.2	130	700	8541401000HP0229
HP5050G32WF	HP0230	530	530	540	390	440	2.6	3.2	125	700	8541401000HP0230
HP5050Y22WF	HP0231	585	585	595	150	190	1.8	2.4	55	700	8541401000HP0231
HP5050AO2WF	HP0232	605	600	610	190	240	1.8	2.4	60	700	8541401000HP0232
HP5050R22WF	HP0233	620	610	630	170	190	1.8	2.4	65	700	8541401000HP0233
HP5050R32WF	HP0234	630	620	640	170	190	1.8	2.4	60	700	8541401000HP0234
HP5050R42WF	HP0235	640	640	660	65	90	1.8	2.4	60	700	8541401000HP0235
HP5050R62WG	HP0236	660	660	680	10	30	1.8	2.4	20	700	8541401000HP0236
HP5050B52WG	HP0237	460	460	470	200	240	2.6	3.2	50	1200	8541401000HP0237
HP5050B62WG	HP0238	470	470	480	200	240	2.6	3.2	50	1200	8541401000HP0238
HP5050G02WG	HP0239	500	500	510	560	640	2.6	3.2	110	1200	8541401000HP0239
HP5050G12WG	HP0240	510	510	520	560	640	2.6	3.2	120	1200	8541401000HP0240
HP5050G22WG	HP0241	520	520	530	560	720	2.6	3.2	130	1200	8541401000HP0241
HP5050G32WG	HP0242	530	530	540	560	720	2.6	3.2	125	1200	8541401000HP0242
HP5050Y22WG	HP0243	585	585	595	200	240	1.8	2.4	55	1200	8541401000HP0243
HP5050AO2WG	HP0244	605	600	610	240	280	1.8	2.4	60	1200	8541401000HP0244
HP5050R22WG	HP0245	620	610	630	240	280	1.8	2.4	65	1200	8541401000HP0245
HP5050R32WG	HP0246	630	620	640	240	280	1.8	2.4	60	1200	8541401000HP0246
HP5050R42WG	HP0247	640	640	660	100	180	1.8	2.4	60	1200	8541401000HP0247
HP5050R62WG	HP0248	660	660	680	20	40	1.8	2.4	30	1200	8541401000HP0248

Queendom Ceramic High Power LEDs

Queendom White 5050 LEDs

SIZE: 5.00 × 5.00 × 2.00 MM Sku: 8541401000HP02
Industry standard white emitters are available in warm white, pure white, and cool white.

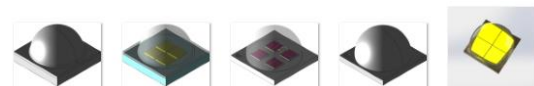


PRODUCT	RANK	NOMINAL	CRI	FLUX (lm)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
HP5050WY2WF	HP0201	2700K	80	190	240	2.80	4.60	130	120	700	8541401000HP0201
HP5050WV2WF	HP0202	3000K	80	190	240	2.80	4.60	135	120	700	8541401000HP0202
HP5050WU2WF	HP0203	3500K	80	190	240	2.80	4.60	140	120	700	8541401000HP0203
HP5050WT2WF	HP0204	4000K	80	190	240	2.80	4.60	143	120	700	8541401000HP0204
HP5050WR2WF	HP0205	5000K	80	190	240	2.80	4.60	150	120	700	8541401000HP0205
HP5050WQ2WF	HP0206	5700K	80	190	240	2.80	4.60	155	120	700	8541401000HP0206
HP5050WP2WF	HP0207	6500K	80	190	240	2.80	4.60	160	120	700	8541401000HP0207
HP5050WD2WF	HP0208	7600K	80	190	240	2.80	4.60	165	120	700	8541401000HP0208
HP5050WY2WG	HP0209	2700K	80	210	430	4.80	6.90	130	120	1000	8541401000HP0209
HP5050WV2WG	HP0210	3000K	80	210	430	4.80	6.90	135	120	1000	8541401000HP0210
HP5050WU2WG	HP0211	3500K	80	210	430	4.80	6.90	140	120	1000	8541401000HP0211
HP5050WT2WG	HP0212	4000K	80	210	430	4.80	6.90	143	120	1000	8541401000HP0212
HP5050WR2WG	HP0213	5000K	80	210	430	4.80	6.90	150	120	1000	8541401000HP0213
HP5050WQ2WG	HP0214	5700K	80	210	430	4.80	6.90	155	120	1000	8541401000HP0214
HP5050WP2WG	HP0215	6500K	80	210	430	4.80	6.90	160	120	1000	8541401000HP0215
HP5050WD2WG	HP0216	7600K	80	210	430	4.80	6.90	165	120	1000	8541401000HP0216
HP5050WY8WI	HP0217	2700K	80	360	640	9.00	12.00	130	120	1400	8541401000HP0217
HP5050WV8WI	HP0218	3000K	80	360	640	9.00	12.00	135	120	1400	8541401000HP0218
HP5050WU8WI	HP0219	3500K	80	360	640	9.00	12.00	140	120	1400	8541401000HP0219
HP5050WT8WI	HP0220	4000K	80	360	640	9.00	12.00	143	120	1400	8541401000HP0220
HP5050WR8WI	HP0221	5000K	80	360	640	9.00	12.00	150	120	1400	8541401000HP0221
HP5050WQ8WI	HP0222	5700K	80	360	640	9.00	12.00	155	120	1400	8541401000HP0222
HP5050WP8WI	HP0223	6500K	80	360	640	9.00	12.00	160	120	1400	8541401000HP0223
HP5050WD8WI	HP0224	7600K	80	360	640	9.00	12.00	165	120	1400	8541401000HP0224

5

Queendom Color 7070 LEDs

SIZE: 7.00 × 7.00 × 2.00 MM Sku: 8541401000HP03
 Industry standard emitters are available in blue, green, yellow, red and direct red.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (lm)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
HP7070B52WF	HP0325	460	460	470	150	180	2.6	3.2	50	700	8541401000HP0325
HP7070B62WF	HP0326	470	470	480	150	180	2.6	3.2	50	700	8541401000HP0326
HP7070G02WF	HP0327	500	500	510	330	360	2.6	3.2	110	700	8541401000HP0327
HP7070G12WF	HP0328	510	510	520	360	390	2.6	3.2	120	700	8541401000HP0328
HP7070G22WF	HP0329	520	520	530	390	420	2.6	3.2	130	700	8541401000HP0329
HP7070G32WF	HP0330	530	530	540	360	390	2.6	3.2	125	700	8541401000HP0330
HP7070Y22WF	HP0331	585	585	595	150	200	1.8	2.4	55	700	8541401000HP0331
HP7070AO2WF	HP0332	605	600	610	150	200	1.8	2.4	60	700	8541401000HP0332
HP7070R22WF	HP0333	620	610	630	160	200	1.8	2.4	65	700	8541401000HP0333
HP7070R32WF	HP0334	630	620	640	160	200	1.8	2.4	60	700	8541401000HP0334
HP7070R42WF	HP0335	640	640	660	95	140	1.8	2.4	60	700	8541401000HP0335
HP7070R62WF	HP0336	660	660	680	24	30	1.8	2.4	30	700	8541401000HP0336
HP7070B52WG	HP0337	460	460	470	240	280	2.6	3.2	50	1400	8541401000HP0337
HP7070B62WG	HP0338	470	470	480	240	280	2.6	3.2	50	1400	8541401000HP0338
HP7070G02WG	HP0339	500	500	510	480	560	2.6	3.2	110	1400	8541401000HP0339
HP7070G12WG	HP0340	510	510	520	480	560	2.6	3.2	120	1400	8541401000HP0340
HP7070G22WG	HP0341	520	520	530	560	640	2.6	3.2	130	1400	8541401000HP0341
HP7070G32WG	HP0342	530	530	540	560	640	2.6	3.2	125	1400	8541401000HP0342
HP7070Y22WG	HP0343	585	585	595	280	320	1.8	2.4	55	1400	8541401000HP0343
HP7070AO2WG	HP0344	605	600	610	280	320	1.8	2.4	60	1400	8541401000HP0344
HP7070R22WG	HP0345	620	610	630	320	400	1.8	2.4	65	1400	8541401000HP0345
HP7070R32WG	HP0346	630	620	640	320	400	1.8	2.4	60	1400	8541401000HP0346
HP7070R42WG	HP0347	640	640	660	160	200	1.8	2.4	60	1400	8541401000HP0347
HP7070R62WG	HP0348	660	660	680	32	40	1.8	2.4	60	1400	8541401000HP0348

Queendom White 7070 LEDs

SIZE: 7.00 × 7.00 × 2.00 MM Sku: 8541401000HP03
 Industry standard white emitters are available in warm white, pure white, and cool white.



PRODUCT	RANK	NOMINAL	CRI	FLUX (lm)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	CRI	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
HP7070WY2WF	HP0301	2700K	80	190	240	2.80	4.60	135	120	700	8541401000HP0301
HP7070WV2WF	HP0302	3000K	80	190	240	2.80	4.60	140	120	700	8541401000HP0302
HP7070WU2WF	HP0303	3500K	80	190	240	2.80	4.60	143	120	700	8541401000HP0303
HP7070WT2WF	HP0304	4000K	80	190	240	2.80	4.60	150	120	700	8541401000HP0304
HP7070WR2WF	HP0305	5000K	80	190	240	2.80	4.60	155	120	700	8541401000HP0305
HP7070WQ2WF	HP0306	5700K	80	190	240	2.80	4.60	160	120	700	8541401000HP0306
HP7070WP2WF	HP0307	6500K	80	190	240	2.80	4.60	165	120	700	8541401000HP0307
HP7070WD2WF	HP0308	7600K	80	190	240	2.80	4.60	130	120	700	8541401000HP0308
HP7070WY2WG	HP0309	2700K	80	210	430	4.80	6.90	135	120	1000	8541401000HP0309
HP7070WV2WG	HP0310	3000K	80	210	430	4.80	6.90	140	120	1000	8541401000HP0310
HP7070WU2WG	HP0311	3500K	80	210	430	4.80	6.90	143	120	1000	8541401000HP0311
HP7070WT2WG	HP0312	4000K	80	210	430	4.80	6.90	150	120	1000	8541401000HP0312
HP7070WR2WG	HP0313	5000K	80	210	430	4.80	6.90	155	120	1000	8541401000HP0313
HP7070WQ2WG	HP0314	5700K	80	210	430	4.80	6.90	160	120	1000	8541401000HP0314
HP7070WP2WG	HP0315	6500K	80	210	430	4.80	6.90	165	120	1000	8541401000HP0315
HP7070WD2WG	HP0316	7600K	80	210	430	4.80	6.90	130	120	1000	8541401000HP0316
HP7070WY8WI	HP0317	2700K	80	360	640	9.00	12.00	135	120	1400	8541401000HP0317
HP7070WV8WI	HP0318	3000K	80	360	640	9.00	12.00	140	120	1400	8541401000HP0318
HP7070WU8WI	HP0319	3500K	80	360	640	9.00	12.00	143	120	1400	8541401000HP0319
HP7070WT8WI	HP0320	4000K	80	360	640	9.00	12.00	150	120	1400	8541401000HP0320
HP7070WR8WI	HP0321	5000K	80	360	640	9.00	12.00	155	120	1400	8541401000HP0321
HP7070WQ8WI	HP0322	5700K	80	360	640	9.00	12.00	160	120	1400	8541401000HP0322
HP7070WP8WI	HP0323	6500K	80	360	640	9.00	12.00	165	120	1400	8541401000HP0323
HP7070WD8WJ	HP0324	7600K	80	360	640	9.00	12.00	168	120	1400	8541401000HP0324

Queendom Color High Power LEDs

SIZE: Φ8 ×14.5 MM Sku: 8541401000HP04
 Industry standard emitters are available in blue, green, yellow, red and direct red.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (lm)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
PB52WE	HP0417	460	460	470	26	55	2.6	3.2	50	300	8541401000HP0417
PB62WE	HP0418	470	470	480	26	55	2.6	3.2	50	300	8541401000HP0418
PG02WE	HP0419	500	500	510	60	95	2.6	3.2	110	300	8541401000HP0419
PG12WE	HP0420	510	510	520	75	120	2.6	3.2	120	300	8541401000HP0420
PG22WE	HP0421	520	520	530	75	120	2.6	3.2	130	300	8541401000HP0421
PG32WE	HP0422	530	530	540	75	120	2.6	3.2	125	300	8541401000HP0422
PY22WE	HP0423	585	585	595	34	60	1.8	2.4	55	300	8541401000HP0423
PAO2WE	HP0424	605	600	610	34	65	1.8	2.4	60	300	8541401000HP0424
PR22WE	HP0425	620	610	630	34	65	1.8	2.4	65	300	8541401000HP0425
PR32WE	HP0426	630	620	640	26	55	1.8	2.4	60	300	8541401000HP0426
PR42WE	HP0427	640	640	660	22	45	1.8	2.4	60	300	8541401000HP0427
PB52WF	HP0428	460	460	470	75	120	2.6	3.2	50	700	8541401000HP0428
PB62WF	HP0429	470	470	480	75	120	2.6	3.2	50	700	8541401000HP0429
PG02WF	HP0430	500	500	510	190	240	2.6	3.2	110	700	8541401000HP0430
PG12WF	HP0431	510	510	520	190	240	2.6	3.2	120	700	8541401000HP0431
PG22WF	HP0432	520	520	530	200	280	2.6	3.2	130	700	8541401000HP0432
PG32WF	HP0433	530	530	540	200	280	2.6	3.2	125	700	8541401000HP0433
PY22WF	HP0434	585	585	595	95	120	1.8	2.4	55	700	8541401000HP0434
PAO2WF	HP0435	605	600	610	95	120	1.8	2.4	60	700	8541401000HP0435
PR22WF	HP0436	620	610	630	95	140	1.8	2.4	65	700	8541401000HP0436
PR32WF	HP0437	630	620	640	95	140	1.8	2.4	60	700	8541401000HP0437
PR42WF	HP0438	640	640	660	28	45	1.8	2.4	60	700	8541401000HP0438

Queendom High Power LEDs

Queendom White High Power LEDs

SIZE: Φ8 ×14.5 MM Sku: 8541401000HP04
Industry standard white emitters are available in warm white, pure white, and cool white.



PRODUCT	RANK	NOMINAL	CRI	FLUX (lm)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
PWY2WE	HP0401	2700K	80	100	160	2.8	3.2	130	120	300	8541401000HP0401
PWV2WE	HP0402	3000K	80	100	160	2.8	3.2	130	120	300	8541401000HP0402
PWU2WE	HP0403	3500K	80	100	160	2.8	3.2	130	120	300	8541401000HP0403
PWT2WE	HP0404	4000K	80	100	160	2.8	3.2	130	120	300	8541401000HP0404
PWR2WE	HP0405	5000K	80	100	160	2.8	3.2	130	120	300	8541401000HP0405
PWQ2WE	HP0406	5700K	80	100	160	2.8	3.2	130	120	300	8541401000HP0406
PWP2WE	HP0407	6500K	80	100	160	2.8	3.2	130	120	300	8541401000HP0407
PWD2WE	HP0408	7600K	80	100	160	2.8	3.2	130	120	300	8541401000HP0408
PWY2WF	HP0409	2700K	80	190	240	2.8	3.2	130	120	700	8541401000HP0409
PWV2WF	HP0410	3000K	80	190	240	2.8	3.2	130	120	700	8541401000HP0410
PWU2WF	HP0411	3500K	80	190	240	2.8	3.2	130	120	700	8541401000HP0411
PWT2WF	HP0412	4000K	80	190	240	2.8	3.2	130	120	700	8541401000HP0412
PWR2WF	HP0413	5000K	80	190	240	2.8	3.2	130	120	700	8541401000HP0413
PWQ2WF	HP0414	5700K	80	190	240	2.8	3.2	130	120	700	8541401000HP0414
PWP2WF	HP0415	6500K	80	190	240	2.8	3.2	130	120	700	8541401000HP0415
PWD2WF	HP0416	7600K	80	190	240	2.8	3.2	130	120	700	8541401000HP0416

Queendom Color 2835 LEDs

SIZE: 2.80 × 3.50 × 0.7MM **Sku:** 8541401000SL09
 Industry standard emitters are available in blue, green, yellow, red and direct red.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S2835B52WC	SL0981	460	460	470	190	500	2.80	3.40	120	60	8541401000SL0981
S2835B62WC	SL0982	470	470	480	190	500	2.80	3.40	120	60	8541401000SL0982
S2835G02WC	SL0983	500	500	510	780	1560	2.80	3.40	120	60	8541401000SL0983
S2835G12WC	SL0984	510	510	520	780	1560	2.80	3.40	120	60	8541401000SL0984
S2835G02WC	SL0985	520	520	530	780	1560	2.80	3.40	120	60	8541401000SL0985
S2835G32WC	SL0986	530	530	540	780	1560	2.80	3.40	120	60	8541401000SL0986
S2835Y22WC	SL0987	585	585	595	190	300	1.80	2.40	120	60	8541401000SL0987
S2835A02WC	SL0988	605	600	610	300	780	1.80	2.40	120	60	8541401000SL0988
S2835R12WC	SL0989	610	610	620	300	780	1.80	2.40	120	60	8541401000SL0989
S2835R22WC	SL0990	620	620	630	300	780	1.80	2.40	120	60	8541401000SL0990
S2835R32WC	SL0991	630	630	640	300	780	1.80	2.40	120	60	8541401000SL0991
S2835R42WC	SL0992	640	640	660	190	300	1.80	2.40	120	60	8541401000SL0992
S2835R62WC	SL0993	680	660	680	90	190	1.80	2.40	120	60	8541401000SL0993

Queendom White 2835 LEDs

SIZE: 2.80 × 3.50 × 0.7MM **Sku:** 8541401000SL09
 Industry standard white emitters are available in warm white, pure white, and cool white.



PRODUCT	RANK	NOMINAL	CRI	FLUX (lm)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
S2835YW2WC	SL0901	2200K	80	30	32.5	2.7	3.2	181	120	60	8541401000SL0901
S2835WW2WC	SL0902	2700K	80	30	32.5	2.7	3.2	181	120	60	8541401000SL0902
S2835WV2WC	SL0903	3000K	80	32	33.5	2.7	3.2	186.5	120	60	8541401000SL0903
S2835WU2WC	SL0904	3500K	80	32.5	34	2.7	3.2	189	120	60	8541401000SL0904
S2835WT2WC	SL0905	4000K	80	33	35	2.7	3.2	195	120	60	8541401000SL0905
S2835WR2WC	SL0906	5000K	80	33	35	2.7	3.2	195	120	60	8541401000SL0906
S2835WQ2WC	SL0907	5700K	80	33	35	2.7	3.2	195	120	60	8541401000SL0907
S2835WP2WC	SL0908	6500K	80	32.5	34.5	2.7	3.2	192	120	60	8541401000SL0908
S2835WD2WC	SL0909	7600K	80	32	34	2.7	3.2	191	120	60	8541401000SL0909
S2835WD2WC	SL0910	10500K	80	32	34	2.7	3.2	191	120	60	8541401000SL0910
S2835YW2WC	SL0911	2200K	90	30	32.5	2.7	3.2	153.3	120	60	8541401000SL0911
S2835WW2WC	SL0912	2700K	90	30	32.5	2.7	3.2	160.5	120	60	8541401000SL0912
S2835WV2WC	SL0913	3000K	90	32	33.5	2.7	3.2	168.3	120	60	8541401000SL0913
S2835WU2WC	SL0914	3500K	90	32.5	34	2.7	3.2	171.7	120	60	8541401000SL0914
S2835WT2WC	SL0915	4000K	90	33	35	2.7	3.2	171.7	120	60	8541401000SL0915
S2835WR2WC	SL0916	5000K	90	33	35	2.7	3.2	171.7	120	60	8541401000SL0916
S2835WQ2WC	SL0917	5700K	90	33	35	2.7	3.2	169.5	120	60	8541401000SL0917
S2835WP2WC	SL0918	6500K	90	32.5	34.5	2.7	3.2	169.5	120	60	8541401000SL0918
S2835WD2WC	SL0919	7600K	90	32	34	2.7	3.2	168	120	60	8541401000SL0919
S2835WD2WC	SL0920	10500K	90	32	34	2.7	3.2	168	120	60	8541401000SL0920

Queendom White 2835 LEDs

SIZE: 2.80 × 3.50 × 0.7MM Sku: 8541401000SL09

Industry standard white emitters are available in warm white, pure white, and cool white.



PRODUCT	RANK	NOMINAL	CRI	FLUX (lm)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
S2835YW2WD	SL0921	2200K	80	101.4	107	2.7	3.2	150	120	120	8541401000SL0921
S2835WW2WD	SL0922	2700K	80	101.4	109	2.7	3.2	150.1	120	120	8541401000SL0922
S2835WV2WD	SL0923	3000K	80	104.1	112	2.7	3.2	154.3	120	120	8541401000SL0923
S2835WU2WD	SL0924	3500K	80	106.9	115	2.7	3.2	158.4	120	120	8541401000SL0924
S2835WT2WD	SL0925	4000K	80	110	118.3	2.7	3.2	162.9	120	120	8541401000SL0925
S2835WR2WD	SL0926	5000K	80	110	118.3	2.7	3.2	162.9	120	120	8541401000SL0926
S2835WQ2WD	SL0927	5700K	80	110	118.3	2.7	3.2	162.9	120	120	8541401000SL0927
S2835WP2WD	SL0928	6500K	80	108.6	116.8	2.7	3.2	160.9	120	120	8541401000SL0928
S2835WD2WD	SL0929	7600K	80	105.4	116.8	2.7	3.2	150	120	120	8541401000SL0929
S2835WD2WD	SL0930	10500K	80	105.4	116.8	2.7	3.2	150	120	120	8541401000SL0930
S2835YW2WD	SL0931	2200K	90	80.5	95.3	2.7	3.2	153.3	120	120	8541401000SL0931
S2835WW2WD	SL0932	2700K	90	80.5	95.3	2.7	3.2	125.6	120	120	8541401000SL0932
S2835WV2WD	SL0933	3000K	90	88.5	95.2	2.7	3.2	131.1	120	120	8541401000SL0933
S2835WU2WD	SL0934	3500K	90	93.1	100.2	2.7	3.2	138	120	120	8541401000SL0934
S2835WT2WD	SL0935	4000K	90	95.9	103.2	2.7	3.2	142.1	120	120	8541401000SL0935
S2835WR2WD	SL0936	5000K	90	95.9	103.2	2.7	3.2	142.1	120	120	8541401000SL0936
S2835WQ2WD	SL0937	5700K	90	95.9	103.2	2.7	3.2	142.1	120	120	8541401000SL0937
S2835WP2WD	SL0938	6500K	90	95.9	103.2	2.7	3.2	142.1	120	120	8541401000SL0938
S2835WD2WD	SL0939	7600K	90	93.4	102.6	2.7	3.2	125.9	120	120	8541401000SL0939
S2835WD2WD	SL0940	10500K	90	93.4	102.6	2.7	3.2	125.9	120	120	8541401000SL0940
S2835YW2WE	SL0941	2200K	80	101.4	107	2.7	3.2	150	120	300	8541401000SL0941
S2835WW2WE	SL0942	2700K	80	101.4	109	2.7	3.2	150.1	120	300	8541401000SL0942
S2835WV2WE	SL0943	3000K	80	104.1	112	2.7	3.2	154.3	120	300	8541401000SL0943
S2835WU2WE	SL0944	3500K	80	106.9	115	2.7	3.2	158.4	120	300	8541401000SL0944
S2835WT2WE	SL0945	4000K	80	110	118.3	2.7	3.2	162.9	120	300	8541401000SL0945
S2835WR2WE	SL0946	5000K	80	110	118.3	2.7	3.2	162.9	120	300	8541401000SL0946
S2835WQ2WE	SL0947	5700K	80	110	118.3	2.7	3.2	162.9	120	300	8541401000SL0947
S2835WP2WE	SL0948	6500K	80	108.6	116.8	2.7	3.2	160.9	120	300	8541401000SL0948
S2835WD2WE	SL0949	7600K	80	105.4	116.8	2.7	3.2	150	120	300	8541401000SL0949
S2835WD2WE	SL0950	10500K	80	105.4	116.8	2.7	3.2	150	120	300	8541401000SL0950
S2835YW2WE	SL0951	2200K	90	80.5	95.3	2.7	3.2	153.3	120	300	8541401000SL0951
S2835WW2WE	SL0952	2700K	90	80.5	95.3	2.7	3.2	125.6	120	300	8541401000SL0952
S2835WV2WE	SL0953	3000K	90	88.5	95.2	2.7	3.2	131.1	120	300	8541401000SL0953
S2835WU2WE	SL0954	3500K	90	93.1	100.2	2.7	3.2	138	120	300	8541401000SL0954
S2835WT2WE	SL0955	4000K	90	95.9	103.2	2.7	3.2	142.1	120	300	8541401000SL0955
S2835WR2WE	SL0956	5000K	90	95.9	103.2	2.7	3.2	142.1	120	300	8541401000SL0956
S2835WQ2WE	SL0957	5700K	90	95.9	103.2	2.7	3.2	142.1	120	300	8541401000SL0957
S2835WP2WE	SL0958	6500K	90	95.9	103.2	2.7	3.2	142.1	120	300	8541401000SL0958
S2835WD2WE	SL0959	7600K	90	93.4	102.6	2.7	3.2	125.9	120	300	8541401000SL0959
S2835WD2WE	SL0960	10500K	90	93.4	102.6	2.7	3.2	125.9	120	300	8541401000SL0960

Queendom PLCC LEDs & Top-Emitting PLCC SMD LED

Queendom Color 3528 LEDs

SIZE: 3.50 × 2.80 × 1.80MM Sku: 8541401000SL10

Industry standard emitters are available in blue, green, yellow, red and direct red.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S3528B52WA	SL1001	460	460	470	190	500	2.80	3.40	120	20	8541401000SL1001
S3528B62WA	SL1002	470	470	480	190	500	2.80	3.40	120	20	8541401000SL1002
S3528G02WA	SL1003	500	500	510	780	1560	2.80	3.40	120	20	8541401000SL1003
S3528G12WA	SL1004	510	510	520	780	1560	2.80	3.40	120	20	8541401000SL1004
S3528G02WA	SL1005	520	520	530	780	1560	2.80	3.40	120	20	8541401000SL1005
S3528G32WA	SL1006	530	530	540	780	1560	2.80	3.40	120	20	8541401000SL1006
S3528Y12WA	SL1007	570	570	580	25	80	1.80	2.40	120	20	8541401000SL1007
S3528Y22WA	SL1008	585	585	595	190	300	1.80	2.40	120	20	8541401000SL1008
S3528A02WA	SL1009	605	600	610	300	780	1.80	2.40	120	20	8541401000SL1009
S3528R12WA	SL1010	610	610	620	300	780	1.80	2.40	120	20	8541401000SL1010
S3528R22WA	SL1011	620	620	630	300	780	1.80	2.40	120	20	8541401000SL1011
S3528R32WA	SL1012	630	630	640	300	780	1.80	2.40	120	20	8541401000SL1012
S3528R42WA	SL1013	640	640	660	190	300	1.80	2.40	120	20	8541401000SL1013
S3528R62WA	SL1014	680	660	680	90	190	1.80	2.40	120	20	8541401000SL1014

12

Queendom White 3528 LEDs

SIZE: 3.50 × 2.80 × 1.80MM Sku: 8541401000SL10

Industry standard white emitters are available in warm white, pure white, and cool white.



PRODUCT	RANK	NOMINAL	CRI	FLUX (lm)		VOLTAGE (V)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
S3528YW2WC	SL1015	2200K	80	24	30	2.7	3.2	100	120	60	8541401000SL1015
S3528WW2WC	SL1016	2700K	80	24	30	2.7	3.2	100	120	60	8541401000SL1016
S3528WV2WC	SL1017	3000K	80	24	30	2.7	3.2	110	120	60	8541401000SL1017
S3528WU2WC	SL1018	3500K	80	24	30	2.7	3.2	110	120	60	8541401000SL1018
S3528WT2WC	SL1019	4000K	80	24	30	2.7	3.2	120	120	60	8541401000SL1019
S3528WR2WC	SL1020	5000K	80	24	30	2.7	3.2	120	120	60	8541401000SL1020
S3528WQ2WC	SL1021	5700K	80	24	30	2.7	3.2	120	120	60	8541401000SL1021
S3528WP2WC	SL1022	6500K	80	24	30	2.7	3.2	110	120	60	8541401000SL1022
S3528WD2WC	SL1023	7600K	80	24	30	2.7	3.2	110	120	60	8541401000SL1023
S3528WD2WC	SL1024	10500K	80	24	30	2.7	3.2	110	120	60	8541401000SL1024

Queendom PLCC LEDs & Top-Emitting PLCC SMD LED

Queendom Color 3020 LEDs



SIZE: 3.00 × 2.00 × 1.30MM Sku: 8541401000SL12

Industry standard emitters are available in blue, green, yellow, red and direct red.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)			FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		(mA)	
S3020B52WA	SL1217	460	460	470	190	500	2.80	3.40	120		20	8541401000SL1217
S3020B62WA	SL1218	470	470	480	190	500	2.80	3.40	120		20	8541401000SL1218
S3020G02WA	SL1219	500	500	510	780	1560	2.80	3.40	120		20	8541401000SL1219
S3020G12WA	SL1220	510	510	520	780	1560	2.80	3.40	120		20	8541401000SL1220
S3020G02WA	SL1221	520	520	530	780	1560	2.80	3.40	120		20	8541401000SL1221
S3020G32WA	SL1222	530	530	540	780	1560	2.80	3.40	120		20	8541401000SL1222
S3020Y12WA	SL1223	570	570	580	25	80	1.80	2.40	120		20	8541401000SL1223
S3020Y22WA	SL1224	585	585	595	190	300	1.80	2.40	120		20	8541401000SL1224
S3020A02WA	SL1225	605	600	610	300	780	1.80	2.40	120		20	8541401000SL1225
S3020R12WA	SL1226	610	610	620	300	780	1.80	2.40	120		20	8541401000SL1226
S3020R22WA	SL1227	620	620	630	300	780	1.80	2.40	120		20	8541401000SL1227
S3020R32WA	SL1228	630	630	640	300	780	1.80	2.40	120		20	8541401000SL1228
S3020R42WA	SL1229	640	640	660	190	300	1.80	2.40	120		20	8541401000SL1229
S3020R62WA	SL1230	680	660	680	90	190	1.80	2.40	120		20	8541401000SL1230

13

Queendom White 3020 LEDs



SIZE: 3.00 × 2.00 × 1.30MM Sku: 8541401000SL12

Industry standard white emitters are available in warm white, pure white, and cool white.

PRODUCT	RANK	NOMINAL	CRI	FLUX (lm)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
S3020YW2WC	SL1231	2200K	80	24	30	2.7	3.2	100	120	60	8541401000SL1231
S3020WW2WC	SL1232	2700K	80	24	30	2.7	3.2	100	120	60	8541401000SL1232
S3020WV2WC	SL1233	3000K	80	24	30	2.7	3.2	110	120	60	8541401000SL1233
S3020WU2WC	SL1234	3500K	80	24	30	2.7	3.2	110	120	60	8541401000SL1234
S3020WT2WC	SL1235	4000K	80	24	30	2.7	3.2	120	120	60	8541401000SL1235
S3020WR2WC	SL1236	5000K	80	24	30	2.7	3.2	120	120	60	8541401000SL1236
S3020WQ2WC	SL1237	5700K	80	24	30	2.7	3.2	120	120	60	8541401000SL1237
S3020WP2WC	SL1238	6500K	80	24	30	2.7	3.2	110	120	60	8541401000SL1238
S3020WD2WC	SL1239	7600K	80	24	30	2.7	3.2	110	120	60	8541401000SL1239
S3020WD2WC	SL1240	10500K	80	24	30	2.7	3.2	110	120	60	8541401000SL1240

Queendom PLCC LEDs & Top-Emitting PLCC SMD LED

Queendom Color 3014 LEDs



SIZE: 3.00 × 1.40 × 0.80MM Sku: 8541401000SL13
 Industry standard emitters are available in blue, green, yellow, red and direct red.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX			
S3014B52WA	SL1303	460	460	470	190	500	2.80	3.40	120	20	8541401000SL1303
S3014B62WA	SL1304	470	470	480	190	500	2.80	3.40	120	20	8541401000SL1304
S3014G02WA	SL1305	500	500	510	780	1560	2.80	3.40	120	20	8541401000SL1305
S3014G12WA	SL1306	510	510	520	780	1560	2.80	3.40	120	20	8541401000SL1306
S3014G22WA	SL1307	520	520	530	780	1560	2.80	3.40	120	20	8541401000SL1307
S3014G32WA	SL1308	530	530	540	780	1560	2.80	3.40	120	20	8541401000SL1308
S3014Y12WA	SL1309	570	570	580	25	80	1.80	2.40	120	20	8541401000SL1309
S3014Y22WA	SL1310	585	585	595	190	300	1.80	2.40	120	20	8541401000SL1310
S3014A02WA	SL1311	605	600	610	300	780	1.80	2.40	120	20	8541401000SL1311
S3014A02WA	SL1312	610	610	620	300	780	1.80	2.40	120	20	8541401000SL1312
S3014R22WA	SL1313	620	620	630	300	780	1.80	2.40	120	20	8541401000SL1313
S3014R32WA	SL1314	630	630	640	300	780	1.80	2.40	120	20	8541401000SL1314
S3014R42WA	SL1315	640	640	660	190	300	1.80	2.40	120	20	8541401000SL1315
S3014R62WA	SL1316	680	660	680	90	190	1.80	2.40	120	20	8541401000SL1316

14

Queendom White 3014 LEDs

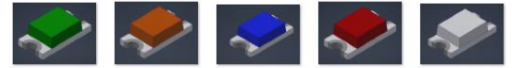


SIZE: 3.00 × 2.00 × 0.80MM Sku: 8541401000SL13
 Industry standard white emitters are available in warm white, pure white, and cool white.

PRODUCT	RANK	NOMINAL	CRI	FLUX (lm)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
S3014YW2WA	SL1317	2200K	80	4	10	2.7	3.2	100	120	20	8541401000SL1317
S3014WW2WA	SL1318	2700K	80	4	10	2.7	3.2	100	120	20	8541401000SL1318
S3014WV2WA	SL1319	3000K	80	4	10	2.7	3.2	110	120	20	8541401000SL1319
S3014WU2WA	SL1320	3500K	80	4	10	2.7	3.2	110	120	20	8541401000SL1320
S3014WT2WA	SL1321	4000K	80	4	10	2.7	3.2	120	120	20	8541401000SL1321
S3014WR2WA	SL1322	5000K	80	4	10	2.7	3.2	120	120	20	8541401000SL1322
S3014WQ2WA	SL1323	5700K	80	4	10	2.7	3.2	120	120	20	8541401000SL1323
S3014WP2WA	SL1324	6500K	80	4	10	2.7	3.2	110	120	20	8541401000SL1324
S3014WD2WA	SL1325	7600K	80	4	10	2.7	3.2	110	120	20	8541401000SL1325
S3014WD2WA	SL1326	10500K	80	4	10	2.7	3.2	110	120	20	8541401000SL1326

Queendom Top-Emitting Chip SMD LED

Queendom Color 1005 LEDs



SIZE: 1.50 × 0.50 × 0.4MM Sku: 8541401000SL01

Industry standard emitters are available in blue, green, yellow, red and direct red.

RODUCT	RANK NO.	NOMINAL [1]	PEAK WAVELENGTH [2] (nm)		TYPICAL FLUX [3] (mcd)		FORWARD VOLTAGE [1] (Vf)		TYPICAL DEG 2Θ 1/2	TEST CURRENT (mA)	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX			
S1005B02WA	SL0101	400	400	410	25	80	2.80	3.40	120	20	8541401000SL0101
S1005B12WA	SL0102	415	410	430	25	80	2.80	3.40	120	20	8541401000SL0102
S1005B52WA	SL0103	460	460	470	60	190	2.80	3.40	120	20	8541401000SL0103
S1005B62WA	SL0104	470	470	480	60	190	2.80	3.40	120	20	8541401000SL0104
S1005G02WA	SL0105	500	500	510	60	190	2.80	3.40	120	20	8541401000SL0105
S1005G12WA	SL0106	510	510	520	120	300	2.80	3.40	120	20	8541401000SL0106
S1005G02WA	SL0107	520	520	530	120	300	2.80	3.40	120	20	8541401000SL0107
S1005G32WA	SL0108	530	530	540	120	300	2.80	3.40	120	20	8541401000SL0108
S1005Y12WA	SL0109	570	570	580	15	45	1.80	2.40	120	20	8541401000SL0109
S1005Y22WA	SL0110	585	585	595	40	90	1.80	2.40	120	20	8541401000SL0110
S1005A02WA	SL0111	605	600	610	40	90	1.80	2.40	120	20	8541401000SL0111
S1005R12WA	SL0112	610	610	620	40	90	1.80	2.40	120	20	8541401000SL0112
S1005R22WA	SL0113	620	620	630	40	90	1.80	2.40	120	20	8541401000SL0113
S1005R32WA	SL0114	630	630	640	25	80	1.80	2.40	120	20	8541401000SL0114
S1005R42WA	SL0115	640	640	660	25	80	1.80	2.40	120	20	8541401000SL0115

15

Queendom White 1005 LEDs



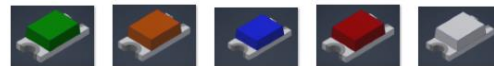
SIZE: 1.50 × 0.50 × 0.4MM Sku: 8541401000SL01

Industry standard white emitters are available in warm white, pure white, and cool white.

PRODUCT	RANK	NOMINAL	CRI	FLUX (mcd)		VOLTAGE (Vf)		EFFICACY	TYPICAL 2Θ 1/2	TEST (mA)	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)			
S1005YW2WA	SL0116	2200K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0116
S1005WW2WA	SL0117	2700K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0117
S1005WV2WA	SL0118	3000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0118
S1005WU2WA	SL0119	3500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0119
S1005WT2WA	SL0120	4000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0120
S1005WR2WA	SL0121	5000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0121
S1005WQ2WA	SL0122	5700K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0122
S1005WP2WA	SL0123	6500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0123
S1005WD2WA	SL0124	7600K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0124
S1005WD2WA	SL0125	10500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0125

Queendom Top-Emitting Chip SMD LED

Queendom Color 1608 LEDs



SIZE: 1.60 × 0.80 × 0.6MM Sku: 8541401000SL03

Industry standard emitters are available in blue, green, yellow, red and direct red.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S1608B52WA	SL0301	460	460	470	60	190	2.80	3.40	120	20	8541401000SL0301
S1608B62WA	SL0302	470	470	480	60	190	2.80	3.40	120	20	8541401000SL0302
S1608G02WA	SL0303	500	500	510	60	190	2.80	3.40	120	20	8541401000SL0303
S1608G12WA	SL0304	510	510	520	120	300	2.80	3.40	120	20	8541401000SL0304
S1608G02WA	SL0305	520	520	530	120	300	2.80	3.40	120	20	8541401000SL0305
S1608G32WA	SL0306	530	530	540	120	300	2.80	3.40	120	20	8541401000SL0306
S1608Y12WA	SL0307	570	570	580	15	45	1.80	2.40	120	20	8541401000SL0307
S1608Y22WA	SL0308	585	585	595	40	90	1.80	2.40	120	20	8541401000SL0308
S1608A02WA	SL0309	605	600	610	40	90	1.80	2.40	120	20	8541401000SL0309
S1608R12WA	SL0310	610	610	620	40	90	1.80	2.40	120	20	8541401000SL0310
S1608R22WA	SL0311	620	620	630	40	90	1.80	2.40	120	20	8541401000SL0311
S1608R32WA	SL0312	630	630	640	25	80	1.80	2.40	120	20	8541401000SL0312
S1608R42WA	SL0313	640	640	660	25	80	1.80	2.40	120	20	8541401000SL0313

16

Queendom White 1608 LEDs



SIZE: 1.60 × 0.80 × 0.6MM Sku: 8541401000SL03

Industry standard white emitters are available in warm white, pure white, and cool white.

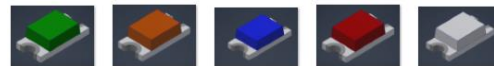
PRODUCT	RANK	NOMINAL	CRI	FLUX (mcd)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
S1608YW2WA	SL0314	2200K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0314
S1608WW2WA	SL0315	2700K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0315
S1608WV2WA	SL0316	3000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0316
S1608WU2WA	SL0317	3500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0317
S1608WT2WA	SL0318	4000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0318
S1608WR2WA	SL0319	5000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0319
S1608WQ2WA	SL0320	5700K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0320
S1608WP2WA	SL0321	6500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0321
S1608WD2WA	SL0322	7600K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0322
S1608WD2WA	SL0323	10500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0323

Queendom Top-Emitting Chip SMD LED

Queendom Color 2012 LEDs

SIZE: 2.00 × 1.25 × 1.10 MM Sku: 8541401000SL04

Industry standard emitters are available in blue, green, yellow, red and direct red.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S2012B52WA	SL0401	460	460	470	90	190	2.80	3.40	120	20	8541401000SL0401
S2012B62WA	SL0402	470	470	480	90	190	2.80	3.40	120	20	8541401000SL0402
S2012G02WA	SL0403	500	500	510	300	780	2.80	3.40	120	20	8541401000SL0403
S2012G12WA	SL0404	510	510	520	300	780	2.80	3.40	120	20	8541401000SL0404
S2012G02WA	SL0405	520	520	530	300	780	2.80	3.40	120	20	8541401000SL0405
S2012G32WA	SL0406	530	530	540	300	780	2.80	3.40	120	20	8541401000SL0406
S2012Y12WA	SL0407	570	570	580	15	45	1.80	2.40	120	20	8541401000SL0407
S2012Y22WA	SL0408	585	585	595	90	190	1.80	2.40	120	20	8541401000SL0408
S2012A02WA	SL0409	605	600	610	90	190	1.80	2.40	120	20	8541401000SL0409
S2012R12WA	SL0410	610	610	620	90	190	1.80	2.40	120	20	8541401000SL0410
S2012R22WA	SL0411	620	620	630	90	190	1.80	2.40	120	20	8541401000SL0411
S2012R32WA	SL0412	630	630	640	90	190	1.80	2.40	120	20	8541401000SL0412
S1608R42WA	SL0413	640	640	660	25	80	1.80	2.40	120	20	8541401000SL0413

17

Queendom White 2012 LEDs

SIZE: 2.00 × 1.25 × 1.10 MM Sku: 8541401000SL04

Industry standard white emitters are available in warm white, pure white, and cool white.

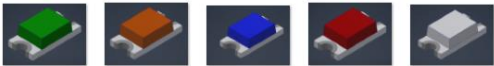


PRODUCT	RANK	NOMINAL	CRI	FLUX (mcd)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
S2012YW2WA	SL0414	2200K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0414
S2012WW2WA	SL0415	2700K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0415
S2012WV2WA	SL0416	3000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0416
S2012WU2WA	SL0417	3500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0417
S2012WT2WA	SL0418	4000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0418
S2012WR2WA	SL0419	5000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0419
S2012WQ2WA	SL0420	5700K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0420
S2012WP2WA	SL0421	6500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0421
S2012WD2WA	SL0422	7600K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0422
S2012WD2WA	SL0423	10500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0423

Queendom Top-Emitting Chip SMD LED

Queendom Color 3010 LEDs

SIZE: 3.00mm×1.00mm×1.50mm Sku: 8541401000SL06
 Industry standard emitters are available in blue, green, yellow, red and direct red.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2θ 1/2	(mA)	
S3010B52WA	SL0601	460	460	470	90	190	2.80	3.40	120	20	8541401000SL0601
S3010B62WA	SL0602	470	470	480	90	190	2.80	3.40	120	20	8541401000SL0602
S3010G02WA	SL0603	500	500	510	190	500	2.80	3.40	120	20	8541401000SL0603
S3010G12WA	SL0604	510	510	520	190	500	2.80	3.40	120	20	8541401000SL0604
S3010G02WA	SL0605	520	520	530	190	500	2.80	3.40	120	20	8541401000SL0605
S3010G32WA	SL0606	530	530	540	190	300	2.80	3.40	120	20	8541401000SL0606
S3010Y12WA	SL0607	570	570	580	15	45	1.80	2.40	120	20	8541401000SL0607
S3010Y22WA	SL0608	585	585	595	90	190	1.80	2.40	120	20	8541401000SL0608
S3010A02WA	SL0609	605	600	610	90	190	1.80	2.40	120	20	8541401000SL0609
S3010R12WA	SL0610	610	610	620	90	190	1.80	2.40	120	20	8541401000SL0610
S3010R22WA	SL0611	620	620	630	90	190	1.80	2.40	120	20	8541401000SL0611
S3010R32WA	SL0612	630	630	640	60	120	1.80	2.40	120	20	8541401000SL0612
S3010R42WA	SL0613	640	640	660	25	80	1.80	2.40	120	20	8541401000SL0613

18

Queendom White 3010 LEDs

SIZE: 3.00mm×1.00mm×1.50mm Sku: 8541401000SL06
 Industry standard white emitters are available in warm white, pure white, and cool white.



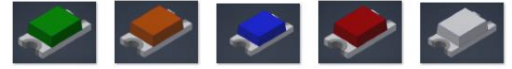
PRODUCT	RANK	NOMINAL	CRI	FLUX (mcd)		VOLTAGE (V)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2θ 1/2	(mA)	
S3010YW2WA	SL0614	2200K	80	190	500	2.7	3.2	N/A	120	20	8541401000SL0614
S3010WW2WA	SL0615	2700K	80	190	500	2.7	3.2	N/A	120	20	8541401000SL0615
S3010WV2WA	SL0616	3000K	80	190	500	2.7	3.2	N/A	120	20	8541401000SL0616
S3010WU2WA	SL0617	3500K	80	190	500	2.7	3.2	N/A	120	20	8541401000SL0617
S3010WT2WA	SL0618	4000K	80	190	500	2.7	3.2	N/A	120	20	8541401000SL0618
S3010WR2WA	SL0619	5000K	80	190	500	2.7	3.2	N/A	120	20	8541401000SL0619
S3010WQ2WA	SL0620	5700K	80	190	500	2.7	3.2	N/A	120	20	8541401000SL0620
S3010WP2WA	SL0621	6500K	80	190	500	2.7	3.2	N/A	120	20	8541401000SL0621
S3010WD2WA	SL0622	7600K	80	190	500	2.7	3.2	N/A	120	20	8541401000SL0622
S3010WD2WA	SL0623	10500K	80	190	500	2.7	3.2	N/A	120	20	8541401000SL0623

Queendom Top-Emitting Chip SMD LED

Queendom Color 3216 LEDs

SIZE: 3.20 × 1.60 × 1.10 mm Sku: 8541401000SL07

Industry standard emitters are available in blue, green, yellow, red and direct red.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S3216B52WA	SL0701	460	460	470	90	190	2.80	3.40	120	20	8541401000SL0701
S3216B62WA	SL0702	470	470	480	90	190	2.80	3.40	120	20	8541401000SL0702
S3216G02WA	SL0703	500	500	510	300	780	2.80	3.40	120	20	8541401000SL0703
S3216G12WA	SL0704	510	510	520	300	780	2.80	3.40	120	20	8541401000SL0704
S3216G02WA	SL0705	520	520	530	300	780	2.80	3.40	120	20	8541401000SL0705
S3216G32WA	SL0706	530	530	540	300	780	2.80	3.40	120	20	8541401000SL0706
S3216Y12WA	SL0707	570	570	580	15	45	1.80	2.40	120	20	8541401000SL0707
S3216Y22WA	SL0708	585	585	595	90	190	1.80	2.40	120	20	8541401000SL0708
S3216A02WA	SL0709	605	600	610	90	190	1.80	2.40	120	20	8541401000SL0709
S3216R12WA	SL0710	610	610	620	90	190	1.80	2.40	120	20	8541401000SL0710
S3216R22WA	SL0711	620	620	630	90	190	1.80	2.40	120	20	8541401000SL0711
S3216R32WA	SL0712	630	630	640	90	190	1.80	2.40	120	20	8541401000SL0712
S3216R42WA	SL0713	640	640	660	25	80	1.80	2.40	120	20	8541401000SL0713

19

Queendom White 3216 LEDs

SIZE: 3.20 × 1.60 × 1.10 mm Sku: 8541401000SL07

Industry standard white emitters are available in warm white, pure white, and cool white.



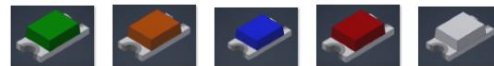
PRODUCT	RANK	NOMINAL	CRI	FLUX (mcd)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
S3216YW2WA	SL0714	2200K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0714
S3216WW2WA	SL0715	2700K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0715
S3216WV2WA	SL0716	3000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0716
S3216WU2WA	SL0717	3500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0717
S3216WT2WA	SL0718	4000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0718
S3216WR2WA	SL0719	5000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0719
S3216WQ2WA	SL0720	5700K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0720
S3216WP2WA	SL0721	6500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0721
S3216WD2WA	SL0722	7600K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0722
S3216WD2WA	SL0723	10500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0723

Queendom Top-Emitting Chip SMD LED

Queendom Color 3227 LEDs

SIZE: 3.20mm×2.70mm×1.10mm Sku: 8541401000SL08

Industry standard emitters are available in blue, green, yellow, red and direct red.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S3227B52WA	SL0801	460	460	470	90	190	2.80	3.40	120	20	8541401000SL0801
S3227B62WA	SL0802	470	470	480	90	190	2.80	3.40	120	20	8541401000SL0802
S3227G02WA	SL0803	500	500	510	300	780	2.80	3.40	120	20	8541401000SL0803
S3227G12WA	SL0804	510	510	520	300	780	2.80	3.40	120	20	8541401000SL0804
S3227G02WA	SL0805	520	520	530	300	780	2.80	3.40	120	20	8541401000SL0805
S3227G32WA	SL0806	530	530	540	300	780	2.80	3.40	120	20	8541401000SL0806
S3227Y12WA	SL0807	570	570	580	15	45	1.80	2.40	120	20	8541401000SL0807
S3227Y22WA	SL0808	585	585	595	90	190	1.80	2.40	120	20	8541401000SL0808
S3227A02WA	SL0809	605	600	610	90	190	1.80	2.40	120	20	8541401000SL0809
S3227R12WA	SL0810	610	610	620	90	190	1.80	2.40	120	20	8541401000SL0810
S3227R22WA	SL0811	620	620	630	90	190	1.80	2.40	120	20	8541401000SL0811
S3227R32WA	SL0812	630	630	640	90	190	1.80	2.40	120	20	8541401000SL0812
S3227R42WA	SL0813	640	640	660	25	80	1.80	2.40	120	20	8541401000SL0813

20

Queendom White 3227 LEDs

SIZE: 3.20mm×2.70mm×1.10mm Sku: 8541401000SL08

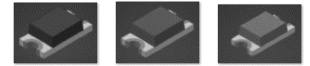
Industry standard white emitters are available in warm white, pure white, and cool white.



PRODUCT	RANK	NOMINAL	CRI	FLUX (mcd)		VOLTAGE (Vf)		EFFICACY	TYPICAL	TEST	PART NUMBER
		CCT/K	[2] Ra	MIN	MAX	MIN	MAX	(lm/W)	2Θ 1/2	(mA)	
S3227YW2WA	SL0814	2200K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0814
S3227WW2WA	SL0815	2700K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0815
S3227WV2WA	SL0816	3000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0816
S3227WU2WA	SL0817	3500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0817
S3227WT2WA	SL0818	4000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0818
S3227WR2WA	SL0819	5000K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0819
S3227WQ2WA	SL0820	5700K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0820
S3227WP2WA	SL0821	6500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0821
S3227WD2WA	SL0822	7600K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0822
S3227WD2WA	SL0823	10500K	80	300	780	2.7	3.2	N/A	120	20	8541401000SL0823

Queendom SMD Multi-Color LED LEDs

1608 BI Color LEDs



SIZE: **1.60 × 0.80 × 0.6MM** Sku: 8541401000SL14

Industry standard white emitters are available in Red green\red yellow\red blue\blue green\blue yellow. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S1608RG4	SL1401	Red	619	630	25	80	1.8	2.4	120	20	8541401000SL1401
		Green	520	530	120	300	2.8	3.2			
S1608RB4	SL1402	Red	619	630	25	80	1.8	2.4			8541401000SL1402
		Blue	460	470	60	190	2.8	3.2			
S1608RG64	SL1403	Red	619	630	25	80	1.8	2.4			8541401000SL1403
		Y-G	565	575	20	60	2.8	3.2			
S1608BG4	SL1404	Blue	460	470	60	190	2.8	3.2			8541401000SL1404
		Green	520	530	120	300	2.8	3.2			
S1608RY4	SL1405	Red	619	630	25	80	1.8	2.4			8541401000SL1405
		Yellow	585	595	40	90	1.8	2.4			
S1608BY4	SL1406	Blue	460	470	120	500	2.8	3.2			8541401000SL1406
		Yellow	585	595	40	90	1.8	2.4			

21

1615 BI Color LEDs



SIZE: **1.60mm×1.50mm×0.75mm** Sku: 8541401000SL15

Industry standard white emitters are available in Red green\red yellow\red blue\blue green\blue yellow. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S1615RG4	SL1501	Red	619	630	25	80	1.8	2.4	120	20	8541401000SL1501
		Green	520	530	120	300	2.8	3.2			
S1615RB4	SL1502	Red	619	630	25	80	1.8	2.4			8541401000SL1502
		Blue	460	470	60	190	2.8	3.2			
S1615RG64	SL1503	Red	619	630	25	80	1.8	2.4			8541401000SL1503
		Y-G	565	575	20	60	2.8	3.2			
S1615BG4	SL1504	Blue	460	470	60	190	2.8	3.2			8541401000SL1504
		Green	520	530	120	300	2.8	3.2			
S1615RY4	SL1505	Red	619	630	25	80	1.8	2.4			8541401000SL1505
		Yellow	585	595	40	90	1.8	2.4			
S1615BY4	SL1506	Blue	460	470	120	500	2.8	3.2			8541401000SL1506
		Yellow	585	595	40	90	1.8	2.4			

2012 BI Color LEDs

SIZE: **2.00mm×1.25mm×1.10 mm** Sku: 8541401000SL16

Industry standard white emitters are available in Red green\red yellow\red blue\blue green\blue yellow. Test at 20ma.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		
S2012RG4	SL1601	Red	619	630	40	120	1.8	2.4	120	20	8541401000SL1601
		Green	520	530	120	300	2.8	3.2			
S2012RB4	SL1602	Red	619	630	40	120	1.8	2.4			8541401000SL1602
		Blue	460	470	40	90	2.8	3.2			
S2012RG64	SL1603	Red	619	630	40	120	1.8	2.4			8541401000SL1603
		Y-G	565	575	20	60	2.8	3.2			
S2012BG4	SL1604	Blue	460	470	60	190	2.8	3.2			8541401000SL1604
		Green	520	530	120	300	2.8	3.2			
S2012RY4	SL1605	Red	619	630	40	120	1.8	2.4			8541401000SL1605
		Y	585	595	40	90	1.8	2.4			
S2012BY4	SL1606	Blue	460	470	40	90	2.8	3.2			8541401000SL1606
		Y	585	595	40	90	1.8	2.4			

22

3216 BI Color LEDs

SIZE: **3.20mm×1.60mm×1.10 mm** Sku: 8541401000SL17

Industry standard white emitters are available in Red green\red yellow\red blue\blue green\blue yellow. Test at 20ma.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		
S3216RG4	SL1701	Red	619	630	120	300	1.8	2.4	120	20	8541401000SL1701
		Green	520	530	300	500	2.8	3.2			
S3216RB4	SL1702	Red	619	630	120	300	1.8	2.4			8541401000SL1702
		Blue	460	470	120	500	2.8	3.2			
S3216RG64	SL1703	Red	619	630	120	300	1.8	2.4			8541401000SL1703
		Y-G	565	575	40	120	2.8	3.2			
S3216BG4	SL1704	Blue	460	470	120	500	2.8	3.2			8541401000SL1704
		Green	520	530	300	500	2.8	3.2			
S3216RY4	SL1705	Red	619	630	120	300	1.8	2.4			8541401000SL1705
		Y	585	595	120	300	1.8	2.4			
S3216BY4	SL1706	Blue	460	470	120	500	2.8	3.2			8541401000SL1706
		Y	585	595	120	300	1.8	2.4			

3010 BI Color LEDs

SIZE: **3.00mm×1.0mm×1.10 mm** Sku: 8541401000SL18

Industry standard white emitters are available in Red green\red yellow\red blue\blue green\blue yellow. Test at 20ma.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S3010RG4	SL1801	Red	619	630	25	80	1.8	2.4	120	20	8541401000SL1801
		Green	520	530	120	300	2.8	3.2			
S3010RB4	SL1802	Red	619	630	25	80	1.8	2.4			8541401000SL1802
		Blue	460	470	60	190	2.8	3.2			
S3010RG64	SL1803	Red	619	630	25	80	1.8	2.4			8541401000SL1803
		Y-G	565	575	20	60	2.8	3.2			
S3010BG4	SL1804	Blue	460	470	60	190	2.8	3.2			8541401000SL1804
		Green	520	530	120	300	2.8	3.2			
S3010RY4	SL1805	Red	619	630	25	80	1.8	2.4			8541401000SL1805
		Y	585	595	40	90	1.8	2.4			
S3010BY4	SL1806	Blue	460	470	120	500	2.8	3.2			8541401000SL1806
		Y	585	595	40	90	1.8	2.4			

23

3227 BI Color LEDs

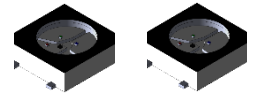
SIZE: **3.20mm×2.70mm×1.10 mm** Sku: 8541401000SL19

Industry standard white emitters are available in Red green\red yellow\red blue\blue green\blue yellow. Test at 20ma.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S3227RG4	SL1901	Red	619	630	120	300	1.8	2.4	120	20	8541401000SL1901
		Green	520	530	300	500	2.8	3.2			
S3227RB4	SL1902	Red	619	630	120	300	1.8	2.4			8541401000SL1902
		Blue	460	470	120	500	2.8	3.2			
S3227RG64	SL1903	Red	619	630	120	300	1.8	2.4			8541401000SL1903
		Y-G	565	575	40	120	2.8	3.2			
S3227BG4	SL1904	Blue	460	470	120	500	2.8	3.2			8541401000SL1904
		Green	520	530	300	500	2.8	3.2			
S3227RY4	SL1905	Red	619	630	120	300	1.8	2.4			8541401000SL1905
		Y	585	595	120	300	1.8	2.4			
S3227BY4	SL1906	Blue	460	470	120	500	2.8	3.2			8541401000SL1906
		Y	585	595	120	300	1.8	2.4			

3528 BI Color LEDs



SIZE: 3.50mm×2.80mm×1.180 mm Sku: 8541401000SL10A

Industry standard white emitters are available in Red green\red yellow\red blue\blue green\blue yellow. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S3528RG4	SL10A01	Red	619	630	280	560	1.8	2.4	120	20	8541401000SL10A01
		Green	520	530	300	500	2.8	3.2			
S3528RB4	SL10A02	Red	619	630	280	560	1.8	2.4			8541401000SL10A02
		Blue	460	470	120	500	2.8	3.2			
S3528RG4	SL10A03	Red	619	630	120	300	1.8	2.4			8541401000SL10A03
		Y-G	565	575	85	180	2.8	3.2			
S3528BG4	SL10A04	Blue	460	470	120	500	2.8	3.2			8541401000SL10A04
		Green	520	530	300	500	2.8	3.2			
S3528RY4	SL10A05	Red	619	630	120	300	1.8	2.4			8541401000SL10A05
		Y	585	595	120	300	1.8	2.4			
S3528BY4	SL10A06	Blue	460	470	120	500	2.8	3.2			8541401000SL10A06
		Y	585	595	120	300	1.8	2.4			

Queendom SMD RGB LEDs

1615 RGB LEDs

SIZE: 1.60mm×1.50mm×0.75mm Sku: 8541401000SLM15

Industry standard white emitters are in Red green blue, RGB LEDs Test at 20ma



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S1615RGB4	SLM15	Red	619	625	40	120	1.8	2.4	120	20	8541401000SLM15
		Green	520	525	300	500	2.8	3.2			
		Blue	460	470	60	190	2.8	3.2			

25

3227 RGB LEDs

SIZE: 3.20mm×2.70mm×1.10 mm Sku: 8541401000SLM1901

Industry standard white emitters are in Red green blue, RGB LEDs Test at 20ma



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S3227RGB4	SLM1901	Red	619	625	130	280	1.8	2.4	120	20	8541401000SLM1901
		Green	520	525	400	600	2.8	3.2			
		Blue	460	470	350	500	2.8	3.2			

2018 RGB LEDs

SIZE: 2.00mm×1.80mm×0.75mm Sku: 8541401000SL20

Industry standard white emitters are in Red green blue, RGB LEDs Test at 20ma



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S2018RGB4	SL20	Red	619	625	90	190	1.8	2.4	120	20	8541401000SL20
		Green	520	525	300	780	2.8	3.2			
		Blue	460	470	120	180	2.8	3.2			

Queendom SMD RGB LEDs

3528 RGB LEDs



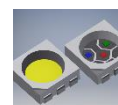
SIZE: 3.5mm×2.80mm1.90mm Sku: 8541401000SL21

Industry standard white emitters are in Red green blue, RGB LEDs Test at 20ma

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S3528RGB4	SL21	Red	619	625	300	780	1.8	2.4	120	20	8541401000SL21
		Green	520	525	1060	2460	2.8	3.2			
		Blue	460	470	300	780	2.8	3.2			

26

5050 RGB LEDs

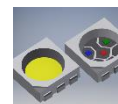


SIZE: 5.00mm×5.00mm×1.50 mm Sku: 8541401000SL22

Industry standard white emitters are in Red green blue, RGB LEDs Test at 20ma

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S5050RGB6	SL22	Red	619	625	300	780	1.8	2.4	120	20	8541401000SL22
		Green	520	525	1060	2460	2.8	3.2			
		Blue	460	470	190	500	2.8	3.2			

5050 RGB Colorful LEDs



SKU:8541401000SL23

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
S5050RGB4IC	SL23	Red	619	625	300	780	1.8	2.4	120	20	8541401000SL23
		Green	520	525	1060	2460	2.8	3.2			
		Blue	460	470	190	500	2.8	3.2			

High Power RGB LEDs

SIZE: Φ8 ×14.5 mm Sku: 8541401000SL24

Industry standard white emitters are in Red green blue, RGB LEDs Test at 350/700ma



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		TYPICAL DEG	TEST	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
PRGB2WE	SL2401	Red	619	625	35	35	1.8	2.4	120	300	8541401000SL2401
		Green	520	535	90	90	2.8	3.2			
		Blue	465	478	25	25	2.8	3.2			
PRGB2WF	SL2402	Red	619	625	40	40	1.8	2.4		700	8541401000SL2402
		Green	520	535	130	130	2.8	3.2			
		Blue	465	478	45	45	2.8	3.2			