

Queendom Technology Co., Ltd

Through hole LEDs

Round LEDs

2-22

Round LEDs 3mm

Round LEDs 5mm

Round LEDs 8mm

Round LEDs 10mm

Cylindrical LEDs

23-33

Cylindrical LEDs 3mm

Cylindrical LEDs 5mm

Rectangular LEDs

34-42

Rectangular LEDs 234mm

Rectangular LEDs 255mm

Rectangular LEDs 257mm

Oval LEDs

43-46

Rectangular LEDs 345mm

Rectangular LEDs 546mm

Straw Hat LEDs

47-49

Straw Hat LEDs 4.8mm

Straw Hat LEDs 8.0mm

Superflux LEDs

50-52

Superflux LEDs 3mm

Superflux LEDs 5mm

Superflux Bullet LEDs

Multi-Color LED LEDs

53-55

BI-Color LEDS

RGB-Color LEDS

56-59

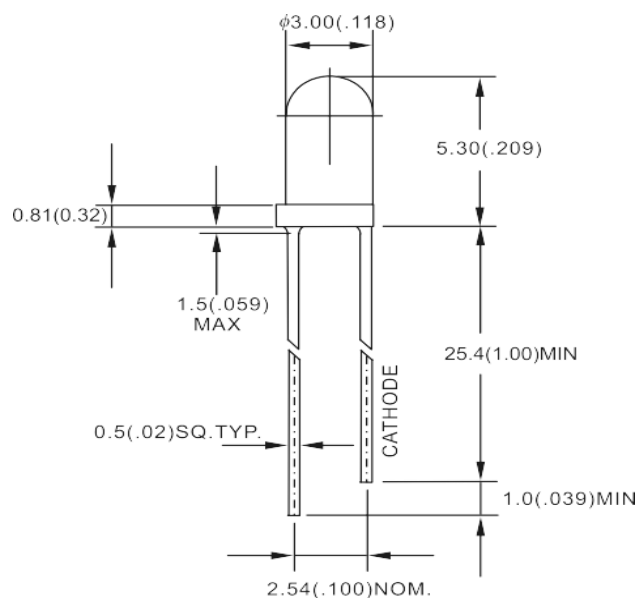
Queendom Through hole Round LEDs



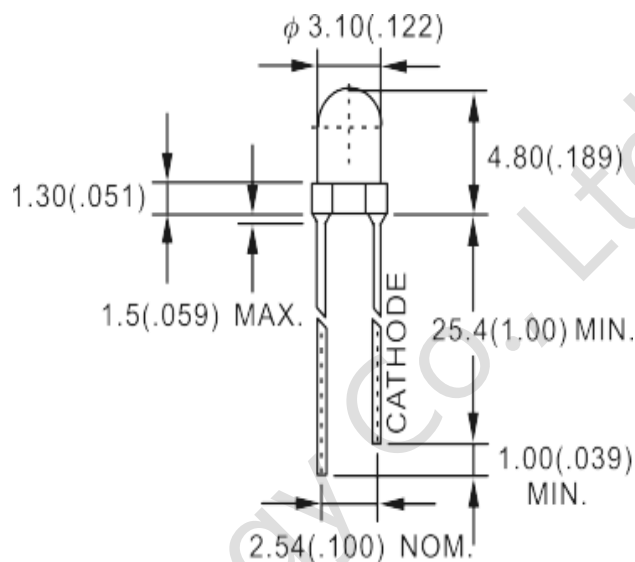
Queendom 3mm Round LEDs

SIZE:

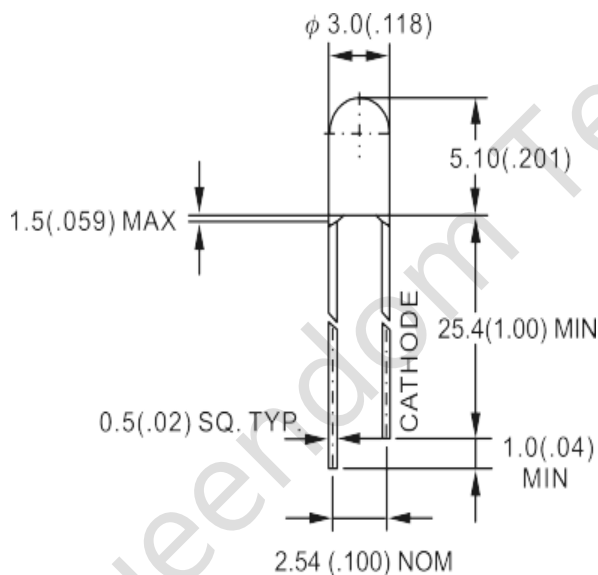
04C H5.3mm



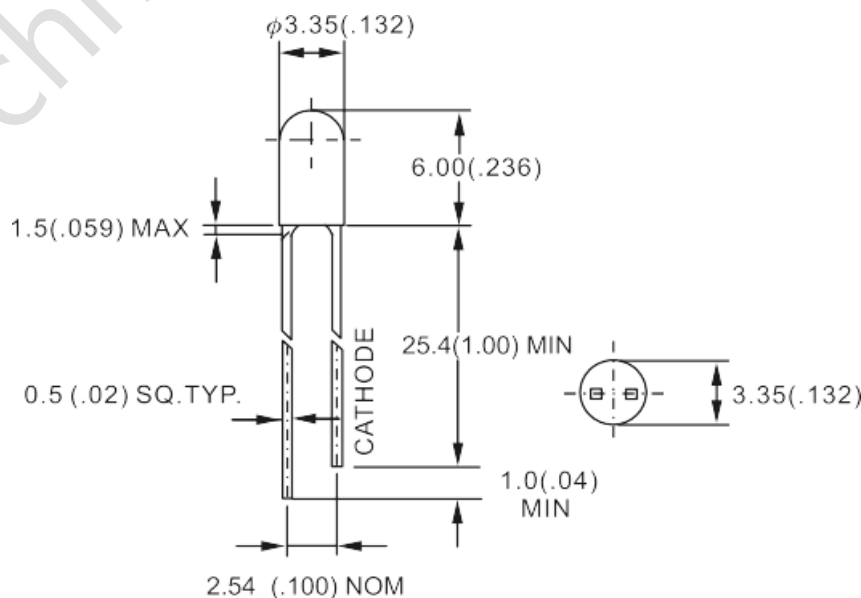
04C H4.8mm



04D H5.1mm



04D H6.0mm



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ (.010")

Queendom White 3mm Round LEDs

SIZE: 3.00 × 5.30 MM Sku: 8541401000THLR01 **With flange**
 Industry standard white emitters are available in warm white, pure white, and cool white.



PRODUCT	RANK NO.	CCT(K)	CRI	FLUX (mcd)		VOLTAGE (Vf)		DEG	TEST	FLANGE	PIN	LENS	PART NUMBER
				MIN	MAX	MIN	MAX						
B3WY302C	THLR3001	2200K	70 ↑	5700	15700	2.8	3.4	25	20	YES	18/16	Water Clear	8541401000THLR3001
B3WW302C	THLR3002	2700K	70 ↑	5700	15700	2.8	3.4	25	20	YES	18/16	Water Clear	8541401000THLR3002
B3WV302C	THLR3003	3000K	70 ↑	5700	15700	2.8	3.4	25	20	YES	18/16	Water Clear	8541401000THLR3003
B3WU302C	THLR3004	3500K	70 ↑	5700	15700	2.8	3.4	25	20	YES	18/16	Water Clear	8541401000THLR3004
B3WT302C	THLR3005	4000K	70 ↑	5700	15700	2.8	3.4	25	20	YES	18/16	Water Clear	8541401000THLR3005
B3WR302C	THLR3006	5000K	70 ↑	3360	15700	2.8	3.4	25	20	YES	18/16	Water Clear	8541401000THLR3006
B3WQ302C	THLR3007	5700K	70 ↑	3360	15700	2.8	3.4	25	20	YES	18/16	Water Clear	8541401000THLR3007
B3WP302C	THLR3008	6500K	70 ↑	3360	15700	2.8	3.4	25	20	YES	18/16	Water Clear	8541401000THLR3008
B3WD302C	THLR3009	7600K	70 ↑	3360	15700	2.8	3.4	25	20	YES	18/16	Water Clear	8541401000THLR3009
B3WC302C	THLR3010	10500K	70 ↑	2460	11700	2.8	3.4	25	20	YES	18/16	Water Clear	8541401000THLR3010
B3WY304C	THLR3011	2200K	70 ↑	5700	15700	2.8	3.4	25	20	YES	28/26	Water Clear	8541401000THLR3011
B3WW304C	THLR3012	2700K	70 ↑	5700	15700	2.8	3.4	25	20	YES	28/26	Water Clear	8541401000THLR3012
B3WV304C	THLR3013	3000K	70 ↑	5700	15700	2.8	3.4	25	20	YES	28/26	Water Clear	8541401000THLR3013
B3WU304C	THLR3014	3500K	70 ↑	5700	15700	2.8	3.4	25	20	YES	28/26	Water Clear	8541401000THLR3014
B3WT304C	THLR3015	4000K	70 ↑	5700	15700	2.8	3.4	25	20	YES	28/26	Water Clear	8541401000THLR3015
B3WR304C	THLR3016	5000K	70 ↑	3360	15700	2.8	3.4	25	20	YES	28/26	Water Clear	8541401000THLR3016
B3WQ304C	THLR3017	5700K	70 ↑	3360	15700	2.8	3.4	25	20	YES	28/26	Water Clear	8541401000THLR3017
B3WP304C	THLR3018	6500K	70 ↑	3360	15700	2.8	3.4	25	20	YES	28/26	Water Clear	8541401000THLR3018
B3WD304C	THLR3019	7600K	70 ↑	3360	15700	2.8	3.4	25	20	YES	28/26	Water Clear	8541401000THLR3019
B3WC304C	THLR3020	10500K	70 ↑	2460	11700	2.8	3.4	25	20	YES	28/26	Water Clear	8541401000THLR3020
B3WY202C	THLR3021	2200K	70 ↑	2460	5760	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3021
B3WW202C	THLR3022	2700K	70 ↑	2460	5760	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3022
B3WV202C	THLR3023	3000K	70 ↑	2460	5760	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3023
B3WU202C	THLR3024	3500K	70 ↑	1560	3360	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3024
B3WT202C	THLR3025	4000K	70 ↑	1560	3360	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3025
B3WR202C	THLR3026	5000K	70 ↑	1560	3360	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3026
B3WQ202C	THLR3027	5700K	70 ↑	1560	3360	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3027
B3WP202C	THLR3028	6500K	70 ↑	1560	3360	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3028
B3WD202C	THLR3029	7600K	70 ↑	780	2460	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3029
B3WC202C	THLR3030	10500K	70 ↑	780	2460	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3030
B3WY204C	THLR3031	2200K	70 ↑	2460	5760	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR3031
B3WW204C	THLR3032	2700K	70 ↑	2460	5760	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR3032
B3WV204C	THLR3033	3000K	70 ↑	2460	5760	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR3033
B3WU204C	THLR3034	3500K	70 ↑	1560	3360	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR3034
B3WT204C	THLR3035	4000K	70 ↑	1560	3360	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR3035
B3WR204C	THLR3036	5000K	70 ↑	1560	3360	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR3036
B3WQ204C	THLR3037	5700K	70 ↑	1560	3360	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR3037
B3WP204C	THLR3038	6500K	70 ↑	1560	3360	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR3038
B3WD204C	THLR3039	7600K	70 ↑	780	2460	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR3039
B3WC204C	THLR3040	10500K	70 ↑	780	2460	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR3040

Queendom White 3mm Round LEDs

SIZE: 3.00 × 5.10 MM Sku: 8541401000THLR01 **Not flange**
 Industry standard white emitters are available in warm white, pure white, and cool white.



PRODUCT	RANK NO.	CCT(K)	CRI	FLUX (mcd)		VOLTAGE (Vf)		DEG	TEST	FLANGE	PIN	LENS	PART NUMBER
				MIN	MAX	MIN	MAX						
B3WY302D	THLR3041	2200K	70 ↑	5700	15700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3041
B3WW302D	THLR3042	2700K	70 ↑	5700	15700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3042
B3WV302D	THLR3043	3000K	70 ↑	5700	15700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3043
B3WU302D	THLR3044	3500K	70 ↑	5700	15700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3044
B3WT302D	THLR3045	4000K	70 ↑	5700	15700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3045
B3WR302D	THLR3046	5000K	70 ↑	3360	15700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3046
B3WQ302D	THLR3047	5700K	70 ↑	3360	15700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3047
B3WP302D	THLR3048	6500K	70 ↑	3360	15700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3048
B3WD302D	THLR3049	7600K	70 ↑	3360	15700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3049
B3WC302D	THLR3050	10500K	70 ↑	2460	11700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3050
B3WY304D	THLR3051	2200K	70 ↑	5700	15700	2.8	3.4	25	20	N/A	18/16	Water Clear	8541401000THLR3051
B3WW304D	THLR3052	2700K	70 ↑	5700	15700	2.8	3.4	25	20	N/A	28/26	Water Clear	8541401000THLR3052
B3WV304D	THLR3053	3000K	70 ↑	5700	15700	2.8	3.4	25	20	N/A	28/26	Water Clear	8541401000THLR3053
B3WU304D	THLR3054	3500K	70 ↑	5700	15700	2.8	3.4	25	20	N/A	28/26	Water Clear	8541401000THLR3054
B3WT304D	THLR3055	4000K	70 ↑	5700	15700	2.8	3.4	25	20	N/A	28/26	Water Clear	8541401000THLR3055
B3WR304D	THLR3056	5000K	70 ↑	3360	15700	2.8	3.4	25	20	N/A	28/26	Water Clear	8541401000THLR3056
B3WQ304D	THLR3057	5700K	70 ↑	3360	15700	2.8	3.4	25	20	N/A	28/26	Water Clear	8541401000THLR3057
B3WP304D	THLR3058	6500K	70 ↑	3360	15700	2.8	3.4	25	20	N/A	28/26	Water Clear	8541401000THLR3058
B3WD304D	THLR3059	7600K	70 ↑	3360	15700	2.8	3.4	25	20	N/A	28/26	Water Clear	8541401000THLR3059
B3WC304D	THLR3060	10500K	70 ↑	2460	11700	2.8	3.4	25	20	N/A	28/26	Water Clear	8541401000THLR3060
B3WY202D	THLR3061	2200K	70 ↑	2460	5760	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3061
B3WW202D	THLR3062	2700K	70 ↑	2460	5760	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3062
B3WV202D	THLR3063	3000K	70 ↑	2460	5760	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3063
B3WU202D	THLR3064	3500K	70 ↑	1560	3360	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3064
B3WT202D	THLR3065	4000K	70 ↑	1560	3360	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3065
B3WR202D	THLR3066	5000K	70 ↑	1560	3360	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3066
B3WQ202D	THLR3067	5700K	70 ↑	1560	3360	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3067
B3WP202D	THLR3068	6500K	70 ↑	1560	3360	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3068
B3WD202D	THLR3069	7600K	70 ↑	780	2460	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3069
B3WC202D	THLR3070	10500K	70 ↑	780	2460	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3070
B3WY204D	THLR3071	2200K	70 ↑	2460	5760	2.8	3.4	60	20	N/A	18/16	White Diffused	8541401000THLR3071
B3WW204D	THLR3072	2700K	70 ↑	2460	5760	2.8	3.4	60	20	N/A	28/26	White Diffused	8541401000THLR3072
B3WV204D	THLR3073	3000K	70 ↑	2460	5760	2.8	3.4	60	20	N/A	28/26	White Diffused	8541401000THLR3073
B3WU204D	THLR3074	3500K	70 ↑	1560	3360	2.8	3.4	60	20	N/A	28/26	White Diffused	8541401000THLR3074
B3WT204D	THLR3075	4000K	70 ↑	1560	3360	2.8	3.4	60	20	N/A	28/26	White Diffused	8541401000THLR3075
B3WR204D	THLR3076	5000K	70 ↑	1560	3360	2.8	3.4	60	20	N/A	28/26	White Diffused	8541401000THLR3076
B3WQ204D	THLR3077	5700K	70 ↑	1560	3360	2.8	3.4	60	20	N/A	28/26	White Diffused	8541401000THLR3077
B3WP204D	THLR3078	6500K	70 ↑	1560	3360	2.8	3.4	60	20	N/A	28/26	White Diffused	8541401000THLR3078
B3WD204D	THLR3079	7600K	70 ↑	780	2460	2.8	3.4	60	20	N/A	28/26	White Diffused	8541401000THLR3079
B3WC204D	THLR3080	10500K	70 ↑	780	2460	2.8	3.4	60	20	N/A	28/26	White Diffused	8541401000THLR3080

Queendom Color Round 3mm LEDs & 02C PIN 18/16MM

SIZE: 3.00 × 5.30 MM Sku: 8541401000THLR301

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



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		(MM)		
B3B5302C	THLR3081	465	460	470	2460	8200	2.8	3.2	25	YES	18/16	Clear	8541401000THLR3081
B3G0302C	THLR3082	505	500	510	11700	19200	2.8	3.2	25	YES	18/16	Clear	8541401000THLR3082
B3G2302C	THLR3083	530	520	530	11700	23700	2.8	3.2	25	YES	18/16	Clear	8541401000THLR3083
B3G3302C	THLR3084	550	550	560	40	120	1.8	2.3	25	YES	18/16	Clear	8541401000THLR3084
B3G6302C	THLR3085	575	570	580	60	190	1.8	2.3	25	YES	18/16	Clear	8541401000THLR3085
B3Y2302C	THLR3086	590	585	595	500	2460	1.8	2.3	25	YES	18/16	Clear	8541401000THLR3086
B3A0302C	THLR3087	605	600	610	1600	4500	1.8	2.3	25	YES	18/16	Clear	8541401000THLR3087
B3R2302C	THLR3088	624	620	630	1560	5760	1.8	2.3	25	YES	18/16	Clear	8541401000THLR3088
B3B5202C	THLR3089	465	460	470	300	780	2.8	3.2	60	YES	18/16	White Diffused	8541401000THLR3089
B3G0202C	THLR3090	505	500	510	1060	3360	2.8	3.2	60	YES	18/16	White Diffused	8541401000THLR3090
B3G2202C	THLR3091	530	520	530	1560	5760	2.8	3.2	60	YES	18/16	White Diffused	8541401000THLR3091
B3G3202C	THLR3092	550	550	560	20	120	1.8	2.3	60	YES	18/16	White Diffused	8541401000THLR3092
B3G6202C	THLR3093	575	570	580	40	120	1.8	2.3	60	YES	18/16	White Diffused	8541401000THLR3093
B3Y2202C	THLR3094	590	585	595	90	190	1.8	2.3	60	YES	18/16	White Diffused	8541401000THLR3094
B3A0202C	THLR3095	605	600	610	120	300	1.8	2.3	60	YES	18/16	White Diffused	8541401000THLR3095
B3R2202C	THLR3096	624	620	630	120	300	1.8	2.3	60	YES	18/16	White Diffused	8541401000THLR3096
B3B5102C	THLR3097	465	460	470	300	780	2.8	3.2	60	YES	18/16	Blue Diffused	8541401000THLR3097
B3G0102C	THLR3098	505	500	510	1060	3360	2.8	3.2	60	YES	18/16	Green Diffused	8541401000THLR3098
B3G2102C	THLR3099	530	520	530	1560	5760	2.8	3.2	60	YES	18/16	Green Diffused	8541401000THLR3099
B3G3102C	THLR3100	550	550	560	20	120	1.8	2.3	60	YES	18/16	Green Diffused	8541401000THLR3100
B3G6102C	THLR3101	575	570	580	40	120	1.8	2.3	60	YES	18/16	Green Diffused	8541401000THLR3101
B3Y2102C	THLR3102	590	585	595	90	190	1.8	2.3	60	YES	18/16	Yellow Diffused	8541401000THLR3102
B3A0102C	THLR3103	605	600	610	120	300	1.8	2.3	60	YES	18/16	Orange Diffused	8541401000THLR3103
B3R2102C	THLR3104	624	620	630	120	300	1.8	2.3	60	YES	18/16	Red Diffused	8541401000THLR3104
B3B5402C	THLR3105	465	460	470	2460	8200	2.8	3.2	25	YES	18/16	Blue Clear	8541401000THLR3105
B3G0402C	THLR3106	505	500	510	11700	19200	2.8	3.2	25	YES	18/16	Green Clear	8541401000THLR3106
B3G2402C	THLR3107	530	520	530	11700	23700	2.8	3.2	25	YES	18/16	Green Clear	8541401000THLR3107
B3G3402C	THLR3108	550	550	560	40	120	1.8	2.3	25	YES	18/16	Green Clear	8541401000THLR3108
B3G6402C	THLR3109	575	570	580	60	190	1.8	2.3	25	YES	18/16	Green Clear	8541401000THLR3109
B3Y2402C	THLR3110	590	585	595	500	2460	1.8	2.3	25	YES	18/16	Yellow Clear	8541401000THLR3110
B3A0402C	THLR3111	605	600	610	1600	4500	1.8	2.3	25	YES	18/16	Orange Clear	8541401000THLR3111
B3R2402C	THLR3112	624	620	630	1560	5760	1.8	2.3	25	YES	18/16	Red Clear	8541401000THLR3112

Queendom Color Round 3mm LEDs & 04C PIN 28/26MM

SIZE: 3.00 × 5.30 MM Sku: 8541401000THLR301

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



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		(MM)		
B3B5304C	THLR3113	465	460	470	2460	8200	2.8	3.2	25	YES	28/26	Clear	8541401000THLR3113
B3G0304C	THLR3114	505	500	510	11700	19200	2.8	3.2	25	YES	28/26	Clear	8541401000THLR3114
B3G2304C	THLR3115	530	520	530	11700	23700	2.8	3.2	25	YES	28/26	Clear	8541401000THLR3115
B3G3304C	THLR3116	550	550	560	40	120	1.8	2.3	25	YES	28/26	Clear	8541401000THLR3116
B3G6304C	THLR3117	575	570	580	60	190	1.8	2.3	25	YES	28/26	Clear	8541401000THLR3117
B3Y2304C	THLR3118	590	585	595	500	2460	1.8	2.3	25	YES	28/26	Clear	8541401000THLR3118
B3A0304C	THLR3119	605	600	610	1600	4500	1.8	2.3	25	YES	28/26	Clear	8541401000THLR3119
B3R2304C	THLR3120	624	620	630	1560	5760	1.8	2.3	25	YES	28/26	Clear	8541401000THLR3120
B3B5204C	THLR3121	465	460	470	300	780	2.8	3.2	60	YES	28/26	White Diffused	8541401000THLR3121
B3G0204C	THLR3122	505	500	510	1060	3360	2.8	3.2	60	YES	28/26	White Diffused	8541401000THLR3122
B3G2204C	THLR3123	530	520	530	1560	5760	2.8	3.2	60	YES	28/26	White Diffused	8541401000THLR3123
B3G3204C	THLR3124	550	550	560	20	120	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR3124
B3G6204C	THLR3125	575	570	580	40	120	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR3125
B3Y2204C	THLR3126	590	585	595	90	190	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR3126
B3A0204C	THLR3127	605	600	610	120	300	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR3127
B3R2204C	THLR3128	624	620	630	120	300	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR3128
B3B5104C	THLR3129	465	460	470	300	780	2.8	3.2	60	YES	28/26	Blue Diffused	8541401000THLR3129
B3G0104C	THLR3130	505	500	510	1060	3360	2.8	3.2	60	YES	28/26	Green Diffused	8541401000THLR3130
B3G2104C	THLR3131	530	520	530	1560	5760	2.8	3.2	60	YES	28/26	Green Diffused	8541401000THLR3131
B3G3104C	THLR3132	550	550	560	20	120	1.8	2.3	60	YES	28/26	Green Diffused	8541401000THLR3132
B3G6104C	THLR3133	575	570	580	40	120	1.8	2.3	60	YES	28/26	Green Diffused	8541401000THLR3133
B3Y2104C	THLR3134	590	585	595	90	190	1.8	2.3	60	YES	28/26	Yellow Diffused	8541401000THLR3134
B3A0104C	THLR3135	605	600	610	120	300	1.8	2.3	60	YES	28/26	Orange Diffused	8541401000THLR3135
B3R2104C	THLR3136	624	620	630	120	300	1.8	2.3	60	YES	28/26	Red Diffused	8541401000THLR3136
B3B5404C	THLR3137	465	460	470	2460	8200	2.8	3.2	25	YES	28/26	Blue Clear	8541401000THLR3137
B3G0404C	THLR3138	505	500	510	11700	19200	2.8	3.2	25	YES	28/26	Green Clear	8541401000THLR3138
B3G2404C	THLR3139	530	520	530	11700	23700	2.8	3.2	25	YES	28/26	Green Clear	8541401000THLR3139
B3G3404C	THLR3140	550	550	560	40	120	1.8	2.3	25	YES	28/26	Green Clear	8541401000THLR3140
B3G6404C	THLR3141	575	570	580	60	190	1.8	2.3	25	YES	28/26	Green Clear	8541401000THLR3141
B3Y2404C	THLR3142	590	585	595	500	2460	1.8	2.3	25	YES	28/26	Yellow Clear	8541401000THLR3142
B3A0404C	THLR3143	605	600	610	1600	4500	1.8	2.3	25	YES	28/26	Orange Clear	8541401000THLR3143
B3R2404C	THLR3144	624	620	630	1560	5760	1.8	2.3	25	YES	28/26	Red Clear	8541401000THLR3144

Queendom Color Round 3mm LEDs & 02D PIN 18/16MM



SIZE: 3.00 × 5.10 MM Sku: 8541401000THLR301

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

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	LEAD LENGTH	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		(MM)		
B3B5302D	THLR3145	465	460	470	2460	8200	2.8	3.2	25	N/A	18/16	Clear	8541401000THLR3145
B3G0302D	THLR3146	505	500	510	11700	19200	2.8	3.2	25	N/A	18/16	Clear	8541401000THLR3146
B3G2302D	THLR3147	530	520	530	11700	23700	2.8	3.2	25	N/A	18/16	Clear	8541401000THLR3147
B3G3302D	THLR3148	550	550	560	40	120	1.8	2.3	25	N/A	18/16	Clear	8541401000THLR3148
B3G6302D	THLR3149	575	570	580	60	190	1.8	2.3	25	N/A	18/16	Clear	8541401000THLR3149
B3Y2302D	THLR3150	590	585	595	500	2460	1.8	2.3	25	N/A	18/16	Clear	8541401000THLR3150
B3A0302D	THLR3151	605	600	610	1600	4500	1.8	2.3	25	N/A	18/16	Clear	8541401000THLR3151
B3R2302D	THLR3152	624	620	630	1560	5760	1.8	2.3	25	N/A	18/16	Clear	8541401000THLR3152
B3B5202D	THLR3153	465	460	470	300	780	2.8	3.2	60	N/A	18/16	White Diffused	8541401000THLR3153
B3G0202D	THLR3154	505	500	510	1060	3360	2.8	3.2	60	N/A	18/16	White Diffused	8541401000THLR3154
B3G2202D	THLR3155	530	520	530	1560	5760	2.8	3.2	60	N/A	18/16	White Diffused	8541401000THLR3155
B3G3202D	THLR3156	550	550	560	20	120	1.8	2.3	60	N/A	18/16	White Diffused	8541401000THLR3156
B3G6202D	THLR3157	575	570	580	40	120	1.8	2.3	60	N/A	18/16	White Diffused	8541401000THLR3157
B3Y2202D	THLR3158	590	585	595	90	190	1.8	2.3	60	N/A	18/16	White Diffused	8541401000THLR3158
B3A0202D	THLR3159	605	600	610	120	300	1.8	2.3	60	N/A	18/16	White Diffused	8541401000THLR3159
B3R2202D	THLR3160	624	620	630	120	300	1.8	2.3	60	N/A	18/16	White Diffused	8541401000THLR3160
B3B5102D	THLR3161	465	460	470	300	780	2.8	3.2	60	N/A	18/16	Blue Diffused	8541401000THLR3161
B3G0102D	THLR3162	505	500	510	1060	3360	2.8	3.2	60	N/A	18/16	Green Diffused	8541401000THLR3162
B3G2102D	THLR3163	530	520	530	1560	5760	2.8	3.2	60	N/A	18/16	Green Diffused	8541401000THLR3163
B3G3102D	THLR3164	550	550	560	20	120	1.8	2.3	60	N/A	18/16	Green Diffused	8541401000THLR3164
B3G6102D	THLR3165	575	570	580	40	120	1.8	2.3	60	N/A	18/16	Green Diffused	8541401000THLR3165
B3Y2102D	THLR3166	590	585	595	90	190	1.8	2.3	60	N/A	18/16	Yellow Diffused	8541401000THLR3166
B3A0102D	THLR3167	605	600	610	120	300	1.8	2.3	60	N/A	18/16	Orange Diffused	8541401000THLR3167
B3R2102D	THLR3168	624	620	630	120	300	1.8	2.3	60	N/A	18/16	Red Diffused	8541401000THLR3168
B3B5402D	THLR3169	465	460	470	2460	8200	2.8	3.2	25	N/A	18/16	Blue Clear	8541401000THLR3169
B3G0402D	THLR3170	505	500	510	11700	19200	2.8	3.2	25	N/A	18/16	Green Clear	8541401000THLR3170
B3G2402D	THLR3171	530	520	530	11700	23700	2.8	3.2	25	N/A	18/16	Green Clear	8541401000THLR3171
B3G3402D	THLR3172	550	550	560	40	120	1.8	2.3	25	N/A	18/16	Green Clear	8541401000THLR3172
B3G6402D	THLR3173	575	570	580	60	190	1.8	2.3	25	N/A	18/16	Green Clear	8541401000THLR3173
B3Y2402D	THLR3174	590	585	595	500	2460	1.8	2.3	25	N/A	18/16	Yellow Clear	8541401000THLR3174
B3A0402D	THLR3175	605	600	610	1600	4500	1.8	2.3	25	N/A	18/16	Orange Clear	8541401000THLR3175
B3R2402D	THLR3176	624	620	630	1560	5760	1.8	2.3	25	N/A	18/16	Red Clear	8541401000THLR3176

Queendom Color Round 3mm LEDs & 04D PIN 28/26MM



SIZE: 3.00 × 5.10 MM Sku: 8541401000THLR301

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

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		(MM)		
B3B5304D	THLR3177	465	460	470	2460	8200	2.8	3.2	25	N/A	28/26	Clear	8541401000THLR3177
B3G0304D	THLR3178	505	500	510	11700	19200	2.8	3.2	25	N/A	28/26	Clear	8541401000THLR3178
B3G2304D	THLR3179	530	520	530	11700	23700	2.8	3.2	25	N/A	28/26	Clear	8541401000THLR3179
B3G3304D	THLR3180	550	550	560	40	120	1.8	2.3	25	N/A	28/26	Clear	8541401000THLR3180
B3G6304D	THLR3181	575	570	580	60	190	1.8	2.3	25	N/A	28/26	Clear	8541401000THLR3181
B3Y2304D	THLR3182	590	585	595	500	2460	1.8	2.3	25	N/A	28/26	Clear	8541401000THLR3182
B3A0304D	THLR3183	605	600	610	1600	4500	1.8	2.3	25	N/A	28/26	Clear	8541401000THLR3183
B3R2304D	THLR3184	624	620	630	1560	5760	1.8	2.3	25	N/A	28/26	Clear	8541401000THLR3184
B3B5204D	THLR3185	465	460	470	300	780	2.8	3.2	60	N/A	28/26	White Diffused	8541401000THLR3185
B3G0204D	THLR3186	505	500	510	1060	3360	2.8	3.2	60	N/A	28/26	White Diffused	8541401000THLR3186
B3G2204D	THLR3187	530	520	530	1560	5760	2.8	3.2	60	N/A	28/26	White Diffused	8541401000THLR3187
B3G3204D	THLR3188	550	550	560	20	120	1.8	2.3	60	N/A	28/26	White Diffused	8541401000THLR3188
B3G6204D	THLR3189	575	570	580	40	120	1.8	2.3	60	N/A	28/26	White Diffused	8541401000THLR3189
B3Y2204D	THLR3190	590	585	595	90	190	1.8	2.3	60	N/A	28/26	White Diffused	8541401000THLR3190
B3A0204D	THLR3191	605	600	610	120	300	1.8	2.3	60	N/A	28/26	White Diffused	8541401000THLR3191
B3R2204D	THLR3192	624	620	630	120	300	1.8	2.3	60	N/A	28/26	White Diffused	8541401000THLR3192
B3B5104D	THLR3193	465	460	470	300	780	2.8	3.2	60	N/A	28/26	Blue Diffused	8541401000THLR3193
B3G0104D	THLR3194	505	500	510	1060	3360	2.8	3.2	60	N/A	28/26	Green Diffused	8541401000THLR3194
B3G2104D	THLR3195	530	520	530	1560	5760	2.8	3.2	60	N/A	28/26	Green Diffused	8541401000THLR3195
B3G3104D	THLR3196	550	550	560	20	120	1.8	2.3	60	N/A	28/26	Green Diffused	8541401000THLR3196
B3G6104D	THLR3197	575	570	580	40	120	1.8	2.3	60	N/A	28/26	Green Diffused	8541401000THLR3197
B3Y2104D	THLR3198	590	585	595	90	190	1.8	2.3	60	N/A	28/26	Yellow Diffused	8541401000THLR3198
B3A0104D	THLR3199	605	600	610	120	300	1.8	2.3	60	N/A	28/26	Orange Diffused	8541401000THLR3199
B3R2104D	THLR3200	624	620	630	120	300	1.8	2.3	60	N/A	28/26	Red Diffused	8541401000THLR3200
B3B5404D	THLR3201	465	460	470	2460	8200	2.8	3.2	25	N/A	28/26	Blue Clear	8541401000THLR3201
B3G0404D	THLR3202	505	500	510	11700	19200	2.8	3.2	25	N/A	28/26	Green Clear	8541401000THLR3202
B3G2404D	THLR3203	530	520	530	11700	23700	2.8	3.2	25	N/A	28/26	Green Clear	8541401000THLR3203
B3G3404D	THLR3204	550	550	560	40	120	1.8	2.3	25	N/A	28/26	Green Clear	8541401000THLR3204
B3G6404D	THLR3205	575	570	580	60	190	1.8	2.3	25	N/A	28/26	Green Clear	8541401000THLR3205
B3Y2404D	THLR3206	590	585	595	500	2460	1.8	2.3	25	N/A	28/26	Yellow Clear	8541401000THLR3206
B3A0404D	THLR3207	605	600	610	1600	4500	1.8	2.3	25	N/A	28/26	Orange Clear	8541401000THLR3207
B3R2404D	THLR3208	624	620	630	1560	5760	1.8	2.3	25	N/A	28/26	Red Clear	8541401000THLR3208

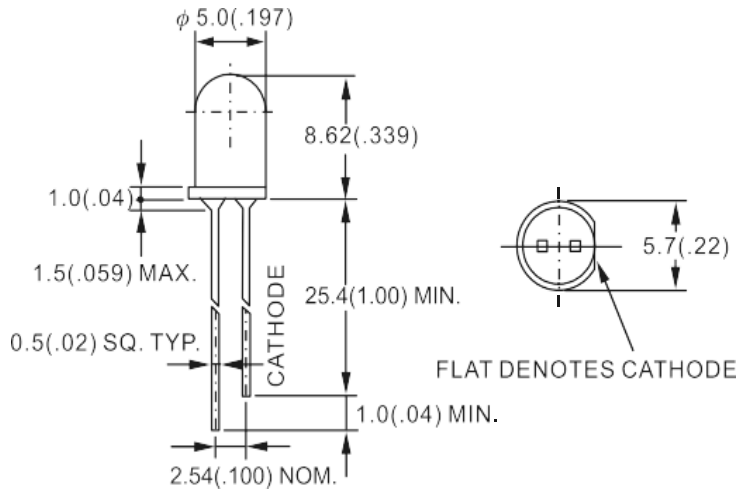
Queendom Through hole Round LEDs

Queendom 5mm Round LEDs

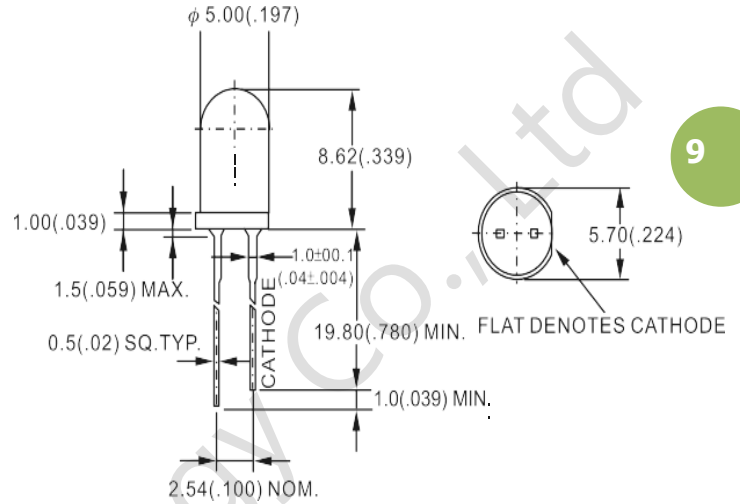
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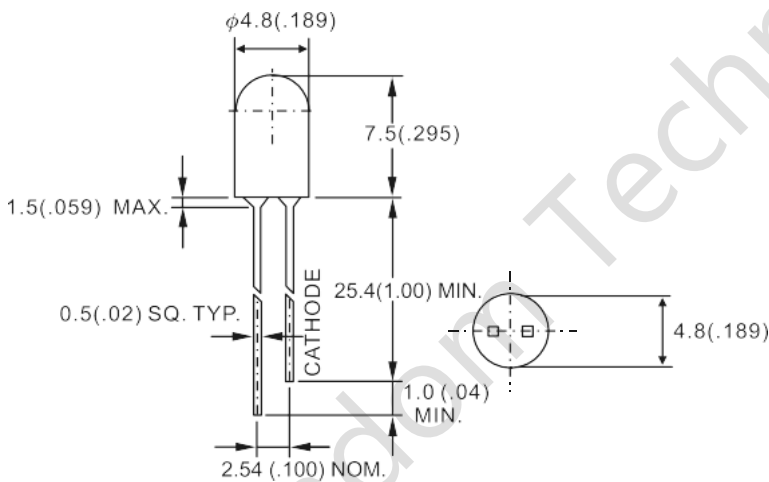
04C



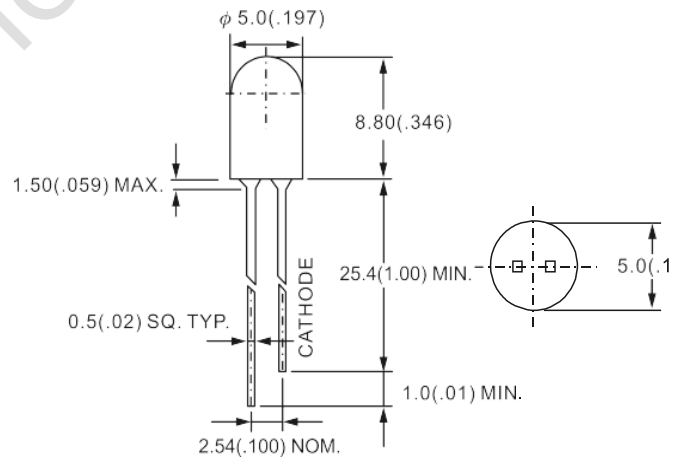
02C



04D



04D



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $0.25\text{mm} (.010)$

Queendom White Round 5mm LEDs & With flange

SIZE: 5.00 × 8.62 MM Sku: 8541401000THLR503

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



PRODUCT	RANK NO.	CCT(K)	CRI	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN (MM)	LENS	PART NUMBER
				MIN	MAX	MIN	MAX						
B5WY302C	THLR5031	2200K	70 ↑	8200	23700	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5031
B5WW302C	THLR5032	2700K	70 ↑	8200	23700	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5032
B5WV302C	THLR5033	3000K	70 ↑	8200	23700	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5033
B5WU302C	THLR5034	3500K	70 ↑	8200	23700	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5034
B5WT302C	THLR5035	4000K	70 ↑	8200	23700	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5035
B5WR302C	THLR5036	5000K	70 ↑	8200	19200	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5036
B5WQ302C	THLR5037	5700K	70 ↑	8200	19200	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5037
B5WP302C	THLR5038	6500K	70 ↑	8200	19200	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5038
B5WD302C	THLR5039	7600K	70 ↑	5760	15700	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5039
B5WC302C	THLR5040	10500K	70 ↑	5760	15700	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5040
B5WY304C	THLR5041	2200K	70 ↑	8200	23700	2.7	3.2	25	20	YES	18/16	Water Clear	8541401000THLR5041
B5WW304C	THLR5042	2700K	70 ↑	8200	23700	2.7	3.2	25	20	YES	28/26	Water Clear	8541401000THLR5042
B5WV304C	THLR5043	3000K	70 ↑	8200	23700	2.7	3.2	25	20	YES	28/26	Water Clear	8541401000THLR5043
B5WU304C	THLR5044	3500K	70 ↑	8200	23700	2.7	3.2	25	20	YES	28/26	Water Clear	8541401000THLR5044
B5WT304C	THLR5045	4000K	70 ↑	8200	23700	2.7	3.2	25	20	YES	28/26	Water Clear	8541401000THLR5045
B5WR304C	THLR5046	5000K	70 ↑	8200	19200	2.7	3.2	25	20	YES	28/26	Water Clear	8541401000THLR5046
B5WQ304C	THLR5047	5700K	70 ↑	8200	19200	2.7	3.2	25	20	YES	28/26	Water Clear	8541401000THLR5047
B5WP304C	THLR5048	6500K	70 ↑	8200	19200	2.7	3.2	25	20	YES	28/26	Water Clear	8541401000THLR5048
B5WD304C	THLR5049	7600K	70 ↑	5760	15700	2.7	3.2	25	20	YES	28/26	Water Clear	8541401000THLR5049
B5WC304C	THLR5050	10500K	70 ↑	5760	15700	2.7	3.2	25	20	YES	28/26	Water Clear	8541401000THLR5050
B5WY202C	THLR5051	2200K	70 ↑	1060	3360	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5051
B5WW202C	THLR5052	2700K	70 ↑	1060	3360	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5052
B5WV202C	THLR5053	3000K	70 ↑	1060	3360	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5053
B5WU202C	THLR5054	3500K	70 ↑	1060	3360	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5054
B5WT202C	THLR5055	4000K	70 ↑	1060	3360	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5055
B5WR202C	THLR5056	5000K	70 ↑	780	2460	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5056
B5WQ202C	THLR5057	5700K	70 ↑	780	2460	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5057
B5WP202C	THLR5058	6500K	70 ↑	780	2460	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5058
B5WD202C	THLR5059	7600K	70 ↑	500	1560	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5059
B5WC202C	THLR5060	10500K	70 ↑	500	1560	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5060
B5WY204C	THLR5061	2200K	70 ↑	1060	3360	2.7	3.2	60	20	YES	18/16	White Diffused	8541401000THLR5061
B5WW204C	THLR5062	2700K	70 ↑	1060	3360	2.7	3.2	60	20	YES	28/26	White Diffused	8541401000THLR5062
B5WV204C	THLR5063	3000K	70 ↑	1060	3360	2.7	3.2	60	20	YES	28/26	White Diffused	8541401000THLR5063
B5WU204C	THLR5064	3500K	70 ↑	1060	3360	2.7	3.2	60	20	YES	28/26	White Diffused	8541401000THLR5064
B5WT204C	THLR5065	4000K	70 ↑	1060	3360	2.7	3.2	60	20	YES	28/26	White Diffused	8541401000THLR5065
B5WR204C	THLR5066	5000K	70 ↑	780	2460	2.7	3.2	60	20	YES	28/26	White Diffused	8541401000THLR5066
B5WQ204C	THLR5067	5700K	70 ↑	780	2460	2.7	3.2	60	20	YES	28/26	White Diffused	8541401000THLR5067
B5WP204C	THLR5068	6500K	70 ↑	780	2460	2.7	3.2	60	20	YES	28/26	White Diffused	8541401000THLR5068
B5WD204C	THLR5069	7600K	70 ↑	500	1560	2.7	3.2	60	20	YES	28/26	White Diffused	8541401000THLR5069
B5WC204C	THLR5070	10500K	70 ↑	500	1560	2.7	3.2	60	20	YES	28/26	White Diffused	8541401000THLR5070

Queendom White Round 5mm LEDs & Not flange

SIZE: 5.00 × 8.62 MM Sku: 8541401000THLR503

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



PRODUCT	RANK NO.	CCT(K)	CRI	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN (MM)	LENS	PART NUMBER
				MIN	MAX	MIN	MAX						
B5WY302D	THLR5071	2200K	70 ↑	8200	23700	2.7	3.2	25	20	N/A	18/16	Water Clear	8541401000THLR5071
B5WW302D	THLR5072	2700K	70 ↑	8200	23700	2.7	3.2	25	20	N/A	18/16	Water Clear	8541401000THLR5072
B5WV302D	THLR5073	3000K	70 ↑	8200	23700	2.7	3.2	25	20	N/A	18/16	Water Clear	8541401000THLR5073
B5WU302D	THLR5074	3500K	70 ↑	8200	23700	2.7	3.2	25	20	N/A	18/16	Water Clear	8541401000THLR5074
B5WT302D	THLR5075	4000K	70 ↑	8200	23700	2.7	3.2	25	20	N/A	18/16	Water Clear	8541401000THLR5075
B5WR302D	THLR5076	5000K	70 ↑	8200	19200	2.7	3.2	25	20	N/A	18/16	Water Clear	8541401000THLR5076
B5WQ302D	THLR5077	5700K	70 ↑	8200	19200	2.7	3.2	25	20	N/A	18/16	Water Clear	8541401000THLR5077
B5WP302D	THLR5078	6500K	70 ↑	8200	19200	2.7	3.2	25	20	N/A	18/16	Water Clear	8541401000THLR5078
B5WD302D	THLR5079	7600K	70 ↑	5760	15700	2.7	3.2	25	20	N/A	18/16	Water Clear	8541401000THLR5079
B5WC302D	THLR5080	10500K	70 ↑	5760	15700	2.7	3.2	25	20	N/A	18/16	Water Clear	8541401000THLR5080
B5WY304D	THLR5081	2200K	70 ↑	8200	23700	2.7	3.2	25	20	N/A	28/26	Water Clear	8541401000THLR5081
B5WW304D	THLR5082	2700K	70 ↑	8200	23700	2.7	3.2	25	20	N/A	28/26	Water Clear	8541401000THLR5082
B5WV304D	THLR5083	3000K	70 ↑	8200	23700	2.7	3.2	25	20	N/A	28/26	Water Clear	8541401000THLR5083
B5WU304D	THLR5084	3500K	70 ↑	8200	23700	2.7	3.2	25	20	N/A	28/26	Water Clear	8541401000THLR5084
B5WT304D	THLR5085	4000K	70 ↑	8200	23700	2.7	3.2	25	20	N/A	28/26	Water Clear	8541401000THLR5085
B5WR304D	THLR5086	5000K	70 ↑	8200	19200	2.7	3.2	25	20	N/A	28/26	Water Clear	8541401000THLR5086
B5WQ304D	THLR5087	5700K	70 ↑	8200	19200	2.7	3.2	25	20	N/A	28/26	Water Clear	8541401000THLR5087
B5WP304D	THLR5088	6500K	70 ↑	8200	19200	2.7	3.2	25	20	N/A	28/26	Water Clear	8541401000THLR5088
B5WD304D	THLR5089	7600K	70 ↑	5760	15700	2.7	3.2	25	20	N/A	28/26	Water Clear	8541401000THLR5089
B5WC304D	THLR5090	10500K	70 ↑	5760	15700	2.7	3.2	25	20	N/A	28/26	Water Clear	8541401000THLR5090
B5WY202D	THLR5091	2200K	70 ↑	1060	3360	2.7	3.2	60	20	N/A	18/16	White Diffused	8541401000THLR5091
B5WW202D	THLR5092	2700K	70 ↑	1060	3360	2.7	3.2	60	20	N/A	18/16	White Diffused	8541401000THLR5092
B5WV202D	THLR5093	3000K	70 ↑	1060	3360	2.7	3.2	60	20	N/A	18/16	White Diffused	8541401000THLR5093
B5WU202D	THLR5094	3500K	70 ↑	1060	3360	2.7	3.2	60	20	N/A	18/16	White Diffused	8541401000THLR5094
B5WT202D	THLR5095	4000K	70 ↑	1060	3360	2.7	3.2	60	20	N/A	18/16	White Diffused	8541401000THLR5095
B5WR202D	THLR5096	5000K	70 ↑	780	2460	2.7	3.2	60	20	N/A	18/16	White Diffused	8541401000THLR5096
B5WQ202D	THLR5097	5700K	70 ↑	780	2460	2.7	3.2	60	20	N/A	18/16	White Diffused	8541401000THLR5097
B5WP202D	THLR5098	6500K	70 ↑	780	2460	2.7	3.2	60	20	N/A	18/16	White Diffused	8541401000THLR5098
B5WD202D	THLR5099	7600K	70 ↑	500	1560	2.7	3.2	60	20	N/A	18/16	White Diffused	8541401000THLR5099
B5WC202D	THLR5100	10500K	70 ↑	500	1560	2.7	3.2	60	20	N/A	18/16	White Diffused	8541401000THLR5100
B5WY204D	THLR5101	2200K	70 ↑	1060	3360	2.7	3.2	60	20	N/A	28/26	White Diffused	8541401000THLR5101
B5WW204D	THLR5102	2700K	70 ↑	1060	3360	2.7	3.2	60	20	N/A	28/26	White Diffused	8541401000THLR5102
B5WV204D	THLR5103	3000K	70 ↑	1060	3360	2.7	3.2	60	20	N/A	28/26	White Diffused	8541401000THLR5103
B5WU204D	THLR5104	3500K	70 ↑	1060	3360	2.7	3.2	60	20	N/A	28/26	White Diffused	8541401000THLR5104
B5WT204D	THLR5105	4000K	70 ↑	1060	3360	2.7	3.2	60	20	N/A	28/26	White Diffused	8541401000THLR5105
B5WR204D	THLR5106	5000K	70 ↑	780	2460	2.7	3.2	60	20	N/A	28/26	White Diffused	8541401000THLR5106
B5WQ204D	THLR5107	5700K	70 ↑	780	2460	2.7	3.2	60	20	N/A	28/26	White Diffused	8541401000THLR5107
B5WP204D	THLR5108	6500K	70 ↑	780	2460	2.7	3.2	60	20	N/A	28/26	White Diffused	8541401000THLR5108
B5WD204D	THLR5109	7600K	70 ↑	500	1560	2.7	3.2	60	20	N/A	28/26	White Diffused	8541401000THLR5109
B5WC204D	THLR5110	10500K	70 ↑	500	1560	2.7	3.2	60	20	N/A	28/26	White Diffused	8541401000THLR5110

Queendom Color Round 5mm LEDs & 02C PIN 18/16MM

SIZE: 5.00 × 8.62 MM Sku: 8541401000THLR503

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG 2Θ 1/2	FLANGE	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX			(MM)		
B5B5302C	THLR5111	465	460	470	2460	8200	2.8	3.2	25	YES	18/16	Water Clear	8541401000THLR5111
B5G0302C	THLR5112	505	500	510	11700	19200	2.8	3.2	25	YES	18/16	Water Clear	8541401000THLR5112
B5G2302C	THLR5113	530	520	530	11700	23700	2.8	3.2	25	YES	18/16	Water Clear	8541401000THLR5113
B5G3302C	THLR5114	550	550	560	40	120	1.8	2.3	25	YES	18/16	Water Clear	8541401000THLR5114
B5G6302C	THLR5115	575	570	580	60	190	1.8	2.3	25	YES	18/16	Water Clear	8541401000THLR5115
B5Y2302C	THLR5116	590	585	595	500	2460	1.8	2.3	25	YES	18/16	Water Clear	8541401000THLR5116
B5A0302C	THLR5117	605	600	610	1600	4500	1.8	2.3	25	YES	18/16	Water Clear	8541401000THLR5117
B5R2302C	THLR5118	624	620	630	1560	5760	1.8	2.3	25	YES	18/16	Water Clear	8541401000THLR5118
B5B5202C	THLR5119	465	460	470	300	780	2.8	3.2	25	YES	18/16	White Diffused	8541401000THLR5119
B5G0202C	THLR5120	505	500	510	1060	3360	2.8	3.2	25	YES	18/16	White Diffused	8541401000THLR5120
B5G2202C	THLR5121	530	520	530	1560	5760	2.8	3.2	25	YES	18/16	White Diffused	8541401000THLR5121
B5G3202C	THLR5122	550	550	560	20	120	1.8	2.3	25	YES	18/16	White Diffused	8541401000THLR5122
B5G6202C	THLR5123	575	570	580	40	120	1.8	2.3	25	YES	18/16	White Diffused	8541401000THLR5123
B5Y2202C	THLR5124	590	585	595	90	190	1.8	2.3	25	YES	18/16	White Diffused	8541401000THLR5124
B5A0202C	THLR5125	605	600	610	120	300	1.8	2.3	25	YES	18/16	White Diffused	8541401000THLR5125
B5R2202C	THLR5126	624	620	630	120	300	1.8	2.3	25	YES	18/16	White Diffused	8541401000THLR5126
B5B5102C	THLR5127	465	460	470	300	780	2.8	3.2	25	YES	18/16	Blue Diffused	8541401000THLR5127
B5G0102C	THLR5128	505	500	510	1060	3360	2.8	3.2	25	YES	18/16	Green Diffused	8541401000THLR5128
B5G2102C	THLR5129	530	520	530	1560	5760	2.8	3.2	25	YES	18/16	Green Diffused	8541401000THLR5129
B5G3102C	THLR5130	550	550	560	20	120	1.8	2.3	25	YES	18/16	Green Diffused	8541401000THLR5130
B5G6102C	THLR5131	575	570	580	40	120	1.8	2.3	25	YES	18/16	Green Diffused	8541401000THLR5131
B5Y2102C	THLR5132	590	585	595	90	190	1.8	2.3	25	YES	18/16	Yellow Diffused	8541401000THLR5132
B5A0102C	THLR5133	605	600	610	120	300	1.8	2.3	25	YES	18/16	Orange Diffused	8541401000THLR5133
B5R2102C	THLR5134	624	620	630	120	300	1.8	2.3	25	YES	18/16	Red Diffused	8541401000THLR5134
B5B5402C	THLR5135	465	460	470	2460	8200	2.8	3.2	25	YES	18/16	Blue Clear	8541401000THLR5135
B5G0402C	THLR5136	505	500	510	11700	19200	2.8	3.2	25	YES	18/16	Green Clear	8541401000THLR5136
B5G2402C	THLR5137	530	520	530	11700	23700	2.8	3.2	25	YES	18/16	Green Clear	8541401000THLR5137
B5G3402C	THLR5138	550	530	540	40	120	1.8	2.3	25	YES	18/16	Green Clear	8541401000THLR5138
B5G6402C	THLR5139	575	570	580	60	190	1.8	2.3	25	YES	18/16	Green Clear	8541401000THLR5139
B5Y2402C	THLR5140	590	585	595	500	2460	1.8	2.3	25	YES	18/16	Yellow Clear	8541401000THLR5140
B5A0402C	THLR5141	605	600	610	1600	4500	1.8	2.3	25	YES	18/16	Orange Clear	8541401000THLR5141
B5R2402C	THLR5142	624	620	630	1560	5760	1.8	2.3	25	YES	18/16	Red Clear	8541401000THLR5142

Queendom Color Round 5mm LEDs & 04C PIN 28/26MM



SIZE: 5.00 × 8.62 MM Sku: 8541401000THLR503

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG 2θ 1/2	FLANGE	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX			(MM)		
B5B5304C	THLR5143	465	460	470	2460	8200	2.8	3.2	25	YES	28/26	Clear	8541401000THLR5143
B5G0304C	THLR5144	505	500	510	11700	19200	2.8	3.2	25	YES	28/26	Clear	8541401000THLR5144
B5G2304C	THLR5145	530	520	530	11700	23700	2.8	3.2	25	YES	28/26	Clear	8541401000THLR5145
B5G3304C	THLR5146	550	550	560	40	120	1.8	2.3	25	YES	28/26	Clear	8541401000THLR5146
B5G6304C	THLR5147	575	570	580	60	190	1.8	2.3	25	YES	28/26	Clear	8541401000THLR5147
B5Y2304C	THLR5148	590	585	595	500	2460	1.8	2.3	25	YES	28/26	Clear	8541401000THLR5148
B5A0304C	THLR5149	605	600	610	1600	4500	1.8	2.3	25	YES	28/26	Clear	8541401000THLR5149
B5R2304C	THLR5150	624	620	630	1560	5760	1.8	2.3	25	YES	28/26	Clear	8541401000THLR5150
B5B5204C	THLR5151	465	460	470	500	2460	2.8	3.2	60	YES	28/26	White Diffused	8541401000THLR5151
B5G0204C	THLR5152	505	500	510	300	780	2.8	3.2	60	YES	28/26	White Diffused	8541401000THLR5152
B5G2204C	THLR5153	530	520	530	1060	3360	2.8	3.2	60	YES	28/26	White Diffused	8541401000THLR5153
B5G3204C	THLR5154	550	550	560	1560	5760	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR5154
B5G6204C	THLR5155	575	570	580	20	120	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR5155
B5Y2204C	THLR5156	590	585	595	40	120	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR5156
B5A0204C	THLR5157	605	600	610	90	190	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR5157
B5R2204C	THLR5158	624	620	630	120	300	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR5158
B5B5104C	THLR5159	465	460	470	120	300	2.8	3.2	60	YES	28/26	Blue Diffused	8541401000THLR5159
B5G0104C	THLR5160	505	500	510	300	780	2.8	3.2	60	YES	28/26	Green Diffused	8541401000THLR5160
B5G2104C	THLR5161	530	520	530	1060	3360	2.8	3.2	60	YES	28/26	Green Diffused	8541401000THLR5161
B5G3104C	THLR5162	550	530	540	1560	5760	1.8	2.3	60	YES	28/26	Green Diffused	8541401000THLR5162
B5G6104C	THLR5163	575	570	580	20	120	1.8	2.3	60	YES	28/26	Green Diffused	8541401000THLR5163
B5Y2104C	THLR5164	590	585	595	40	120	1.8	2.3	60	YES	28/26	Yellow Diffused	8541401000THLR5164
B5A0104C	THLR5165	605	600	610	90	190	1.8	2.3	60	YES	28/26	Orange Diffused	8541401000THLR5165
B5R2104C	THLR5166	624	620	630	120	300	1.8	2.3	25	YES	28/26	Red Diffused	8541401000THLR5166
B5B5404C	THLR5167	465	460	470	120	300	2.8	3.2	25	YES	28/26	Blue Clear	8541401000THLR5167
B5G0404C	THLR5168	505	500	510	2460	8200	2.8	3.2	25	YES	28/26	Green Clear	8541401000THLR5168
B5G2404C	THLR5169	530	520	530	11700	19200	2.8	3.2	25	YES	28/26	Green Clear	8541401000THLR5169
B5G3404C	THLR5170	550	530	540	11700	23700	1.8	2.3	25	YES	28/26	Green Clear	8541401000THLR5170
B5G6404C	THLR5171	575	570	580	40	120	1.8	2.3	25	YES	28/26	Green Clear	8541401000THLR5171
B5Y2404C	THLR5172	590	585	595	60	190	1.8	2.3	25	YES	28/26	Yellow Clear	8541401000THLR5172
B5A0404C	THLR5173	605	600	610	500	2460	1.8	2.3	25	YES	28/26	Orange Clear	8541401000THLR5173
B5R2404C	THLR5174	624	620	630	1600	4500	1.8	2.3	25	YES	28/26	Red Clear	8541401000THLR5174

Queendom Color Round 5mm LEDs & 02D PIN 18/16MM


SIZE: 5.00 × 8.8 MM Sku: 8541401000THLR503

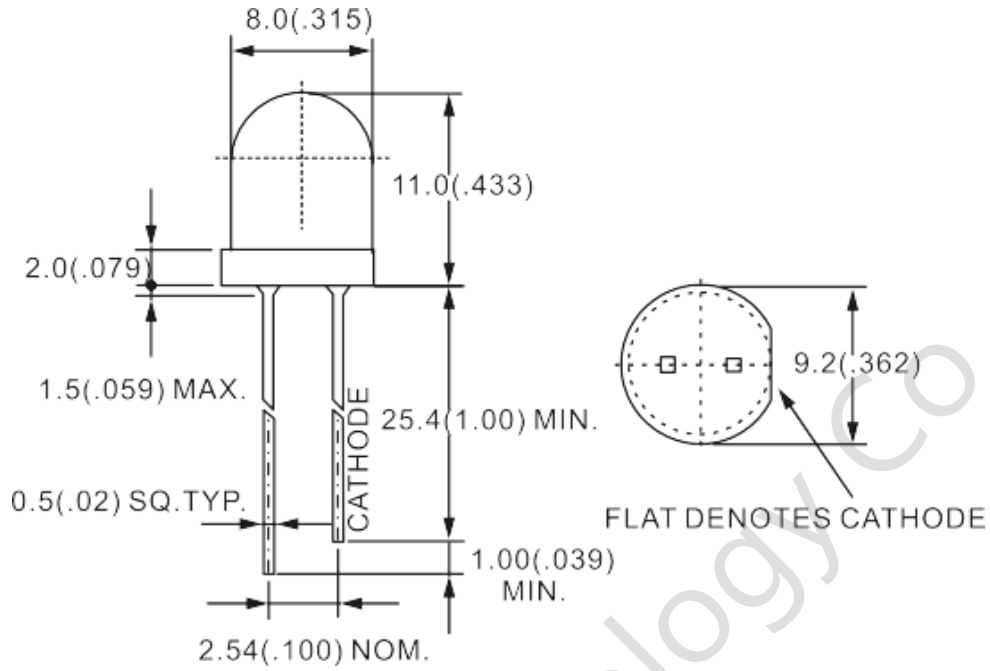
Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG 2Θ 1/2	FLANGE	PIN (MM)	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX					
B5B5302D	THLR5175	465	460	470	2460	8200	2.8	3.2	25	N/A	18/16	Clear	8541401000THLR5175
B5G0302D	THLR5176	505	500	510	11700	19200	2.8	3.2	25	N/A	18/16	Clear	8541401000THLR5176
B5G2302D	THLR5177	530	520	530	11700	23700	2.8	3.2	25	N/A	18/16	Clear	8541401000THLR5177
B5G3302D	THLR5178	550	550	560	40	120	1.8	2.3	25	N/A	18/16	Clear	8541401000THLR5178
B5G5302D	THLR5179	575	570	580	60	190	1.8	2.3	25	N/A	18/16	Clear	8541401000THLR5179
B5Y2302D	THLR5180	590	585	595	500	2460	1.8	2.3	25	N/A	18/16	Clear	8541401000THLR5180
B5A0302D	THLR5181	605	600	610	1600	4500	1.8	2.3	25	N/A	18/16	Clear	8541401000THLR5181
B5R2302D	THLR5182	624	620	630	1560	5760	1.8	2.3	25	N/A	18/16	Clear	8541401000THLR5182
B5B5202D	THLR5183	465	460	470	300	780	2.8	3.2	60	N/A	18/16	White Diffused	8541401000THLR5183
B5G0202D	THLR5184	505	500	510	1060	3360	2.8	3.2	60	N/A	18/16	White Diffused	8541401000THLR5184
B5G2202D	THLR5185	530	520	530	1560	5760	2.8	3.2	60	N/A	18/16	White Diffused	8541401000THLR5185
B5G5202D	THLR5186	550	550	560	20	120	1.8	2.3	60	N/A	18/16	White Diffused	8541401000THLR5186
B5G6202D	THLR5187	575	570	580	40	120	1.8	2.3	60	N/A	18/16	White Diffused	8541401000THLR5187
B5Y2202D	THLR5188	590	585	595	90	190	1.8	2.3	60	N/A	18/16	White Diffused	8541401000THLR5188
B5A0202D	THLR5189	605	600	610	120	300	1.8	2.3	60	N/A	18/16	White Diffused	8541401000THLR5189
B5R2202D	THLR5190	624	620	630	120	300	1.8	2.3	60	N/A	18/16	White Diffused	8541401000THLR5190
B5B5102D	THLR5191	465	460	470	300	780	2.8	3.2	60	N/A	18/16	Blue Diffused	8541401000THLR5191
B5G0102D	THLR5192	505	500	510	1060	3360	2.8	3.2	60	N/A	18/16	Green Diffused	8541401000THLR5192
B5G2102D	THLR5193	530	520	530	1560	5760	2.8	3.2	60	N/A	18/16	Green Diffused	8541401000THLR5193
B5G3102D	THLR5194	550	550	560	20	120	1.8	2.3	60	N/A	18/16	Green Diffused	8541401000THLR5194
B5G5102D	THLR5195	575	570	580	40	120	1.8	2.3	60	N/A	18/16	Green Diffused	8541401000THLR5195
B5Y2102D	THLR5196	590	585	595	90	190	1.8	2.3	60	N/A	18/16	Yellow Diffused	8541401000THLR5196
B5A0102D	THLR5197	605	600	610	120	300	1.8	2.3	60	N/A	18/16	Orange Diffused	8541401000THLR5197
B5R2102D	THLR5198	624	620	630	120	300	1.8	2.3	25	N/A	18/16	Red Diffused	8541401000THLR5198
B5B5402D	THLR5199	465	460	470	2460	8200	2.8	3.2	25	N/A	18/16	Blue Clear	8541401000THLR5199
B5G0402D	THLR5200	505	500	510	11700	19200	2.8	3.2	25	N/A	18/16	Green Clear	8541401000THLR5200
B5G2402D	THLR5201	530	520	530	11700	23700	2.8	3.2	25	N/A	18/16	Green Clear	8541401000THLR5201
B5G3402D	THLR5202	550	550	560	40	120	1.8	2.3	25	N/A	18/16	Green Clear	8541401000THLR5202
B5G5402D	THLR5203	575	570	580	60	190	1.8	2.3	25	N/A	18/16	Green Clear	8541401000THLR5203
B5Y2402D	THLR5204	590	585	595	500	2460	1.8	2.3	25	N/A	18/16	Yellow Clear	8541401000THLR5204
B5A0402D	THLR5205	605	600	610	1600	4500	1.8	2.3	25	N/A	18/16	Orange Clear	8541401000THLR5205
B5R2402D	THLR5206	624	620	630	1560	5760	1.8	2.3	25	N/A	18/16	Red Clear	8541401000THLR5206

Queendom Through hole Round LEDs

Queendom 8mm Round LEDs

SIZE:



Queendom White Round 8mm LEDs & With flange

SIZE: 8.00 × 11.00 MM SKU: 8541401000THLR804

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



PRODUCT	RANK NO.	CCT(K)	CRI	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN	LENS	PART NUMBER
				MIN	MAX	MIN	MAX				mm		
B8WY302C	THLR8041	2200K	70 ↑	5700	19200	2.8	3.4	30	20	YES	18/16	Water Clear	8541401000THLR8041
B8WW302C	THLR8042	2700K	70 ↑	5700	19200	2.8	3.4	30	20	YES	18/16	Water Clear	8541401000THLR8042
B8WV302C	THLR8043	3000K	70 ↑	5700	19200	2.8	3.4	30	20	YES	18/16	Water Clear	8541401000THLR8043
B8WU302C	THLR8044	3500K	70 ↑	5700	19200	2.8	3.4	30	20	YES	18/16	Water Clear	8541401000THLR8044
B8WT302C	THLR8045	4000K	70 ↑	5700	19200	2.8	3.4	30	20	YES	18/16	Water Clear	8541401000THLR8045
B8WR302C	THLR8046	5000K	70 ↑	5700	19200	2.8	3.4	30	20	YES	18/16	Water Clear	8541401000THLR8046
B8WQ302C	THLR8047	5700K	70 ↑	5700	19200	2.8	3.4	30	20	YES	18/16	Water Clear	8541401000THLR8047
B8WP302C	THLR8048	6500K	70 ↑	5700	19200	2.8	3.4	30	20	YES	18/16	Water Clear	8541401000THLR8048
B8WD302C	THLR8049	7600K	70 ↑	3360	15700	2.8	3.4	30	20	YES	18/16	Water Clear	8541401000THLR8049
B8WC302C	THLR8050	10500K	70 ↑	2460	11700	2.8	3.4	30	20	YES	18/16	Water Clear	8541401000THLR8050
B8WY304C	THLR8051	2200K	70 ↑	5700	19200	2.8	3.4	30	20	YES	28/26	Water Clear	8541401000THLR8051
B8WW304C	THLR8052	2700K	70 ↑	5700	19200	2.8	3.4	30	20	YES	28/26	Water Clear	8541401000THLR8052
B8WV304C	THLR8053	3000K	70 ↑	5700	19200	2.8	3.4	30	20	YES	28/26	Water Clear	8541401000THLR8053
B8WU304C	THLR8054	3500K	70 ↑	5700	19200	2.8	3.4	30	20	YES	28/26	Water Clear	8541401000THLR8054
B8WT304C	THLR8055	4000K	70 ↑	5700	19200	2.8	3.4	30	20	YES	28/26	Water Clear	8541401000THLR8055
B8WR304C	THLR8056	5000K	70 ↑	5700	19200	2.8	3.4	30	20	YES	28/26	Water Clear	8541401000THLR8056
B8WQ304C	THLR8057	5700K	70 ↑	5700	19200	2.8	3.4	30	20	YES	28/26	Water Clear	8541401000THLR8057
B8WP304C	THLR8058	6500K	70 ↑	5700	19200	2.8	3.4	30	20	YES	28/26	Water Clear	8541401000THLR8058
B8WD304C	THLR8059	7600K	70 ↑	3360	15700	2.8	3.4	30	20	YES	28/26	Water Clear	8541401000THLR8059
B8WC304C	THLR8060	10500K	70 ↑	2460	11700	2.8	3.4	30	20	YES	28/26	Water Clear	8541401000THLR8060
B8WY202C	THLR8061	2200K	70 ↑	5700	19200	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8061
B8WW202C	THLR8062	2700K	70 ↑	5700	19200	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8062
B8WV202C	THLR8063	3000K	70 ↑	5700	19200	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8063
B8WU202C	THLR8064	3500K	70 ↑	5700	19200	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8064
B8WT202C	THLR8065	4000K	70 ↑	5700	19200	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8065
B8WR202C	THLR8066	5000K	70 ↑	5700	19200	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8066
B8WQ202C	THLR8067	5700K	70 ↑	5700	19200	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8067
B8WP202C	THLR8068	6500K	70 ↑	5700	19200	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8068
B8WD202C	THLR8069	7600K	70 ↑	780	2460	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8069
B8WC202C	THLR8070	10500K	70 ↑	780	2460	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8070
B8WY204C	THLR8071	2200K	70 ↑	5700	19200	2.8	3.4	60	20	YES	18/16	White Diffused	8541401000THLR8071
B8WW204C	THLR8072	2700K	70 ↑	5700	19200	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR8072
B8WV204C	THLR8073	3000K	70 ↑	5700	19200	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR8073
B8WU204C	THLR8074	3500K	70 ↑	5700	19200	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR8074
B8WT204C	THLR8075	4000K	70 ↑	5700	19200	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR8075
B8WR204C	THLR8076	5000K	70 ↑	5700	19200	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR8076
B8WQ204C	THLR8077	5700K	70 ↑	5700	19200	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR8077
B8WP204C	THLR8078	6500K	70 ↑	5700	19200	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR8078
B8WD204C	THLR8079	7600K	70 ↑	780	2460	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR8079
B8WC204C	THLR8080	10500K	70 ↑	780	2460	2.8	3.4	60	20	YES	28/26	White Diffused	8541401000THLR8080

Queendom Color Round 8mm LEDs & 02C PIN 18/16MM



SIZE: 8.00 × 11.00 MM Sku: 8541401000THLR804

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		(MM)		
B8B5302C	THLR8081	465	460	470	2460	8200	2.8	3.2	25	YES	18/17	Water Clear	8541401000THLR8081
B8G0302C	THLR8082	505	500	510	11700	19200	2.8	3.2	25	YES	18/18	Water Clear	8541401000THLR8082
B8G2302C	THLR8083	530	515	530	11700	23700	2.8	3.2	25	YES	18/19	Water Clear	8541401000THLR8083
B8G6302C	THLR8084	575	565	578	60	190	1.8	2.3	25	YES	18/20	Water Clear	8541401000THLR8084
B8Y2302C	THLR8085	590	585	590	1560	5760	1.8	2.3	25	YES	18/21	Water Clear	8541401000THLR8085
B8A0302C	THLR8086	605	615	630	2480	8200	1.8	2.3	25	YES	18/22	Water Clear	8541401000THLR8086
B8R2302C	THLR8087	624	615	630	3360	11200	1.8	2.3	25	YES	18/23	Water Clear	8541401000THLR8087
B8B5202C	THLR8088	465	460	470	300	780	2.8	3.2	60	YES	18/16	White Diffused	8541401000THLR8088
B8G0202C	THLR8089	505	500	510	1060	3360	2.8	3.2	60	YES	18/16	White Diffused	8541401000THLR8089
B8G2202C	THLR8090	530	515	530	1560	5760	2.8	3.2	60	YES	18/16	White Diffused	8541401000THLR8090
B8G6202C	THLR8091	575	565	578	40	120	1.8	2.3	60	YES	18/16	White Diffused	8541401000THLR8091
B8Y2202C	THLR8092	590	585	590	300	780	1.8	2.3	60	YES	18/16	White Diffused	8541401000THLR8092
B8A0202C	THLR8093	605	615	630	300	1060	1.8	2.3	60	YES	18/16	White Diffused	8541401000THLR8093
B8R2202C	THLR8094	624	615	630	300	1060	1.8	2.3	60	YES	18/16	White Diffused	8541401000THLR8094
B8B5102C	THLR8095	465	460	470	300	780	2.8	3.2	60	YES	18/16	Blue Diffused	8541401000THLR8095
B8G0102C	THLR8096	505	500	510	1060	3360	2.8	3.2	60	YES	18/16	Green Diffused	8541401000THLR8096
B8G2102C	THLR8097	530	515	530	1560	5760	2.8	3.2	60	YES	18/16	Green Diffused	8541401000THLR8097
B8G6102C	THLR8098	575	565	578	40	120	1.8	2.3	60	YES	18/16	Green Diffused	8541401000THLR8098
B8Y2102C	THLR8099	590	585	590	300	780	1.8	2.3	60	YES	18/16	Yellow Diffused	8541401000THLR8099
B8A0102C	THLR8100	605	615	630	300	1060	1.8	2.3	60	YES	18/16	Orange Diffused	8541401000THLR8100
B8R2102C	THLR8101	624	615	630	300	1060	1.8	2.3	60	YES	18/16	Red Diffused	8541401000THLR8101
B8B5402C	THLR8102	465	460	470	2460	8200	2.8	3.2	25	YES	18/16	Blue Clear	8541401000THLR8102
B8G0402C	THLR8103	505	500	510	11700	19200	2.8	3.2	25	YES	18/16	Green Clear	8541401000THLR8103
B8G2402C	THLR8104	530	515	530	11700	23700	2.8	3.2	25	YES	18/16	Green Clear	8541401000THLR8104
B8G6402C	THLR8105	575	565	578	60	190	1.8	2.3	25	YES	18/16	Green Clear	8541401000THLR8105
B8Y2402C	THLR8106	590	585	590	1560	5760	1.8	2.3	25	YES	18/16	Yellow Clear	8541401000THLR8106
B8A0402C	THLR8107	605	615	630	2480	8200	1.8	2.3	25	YES	18/16	Orange Clear	8541401000THLR8107
B8R2402C	THLR8108	624	615	630	3360	11200	1.8	2.3	25	YES	18/16	Red Clear	8541401000THLR8108

Queendom Color Round 8mm LEDs & 04C PIN 28/26MM



SIZE: 8.00 × 11.00 MM Sku: 8541401000THLR804

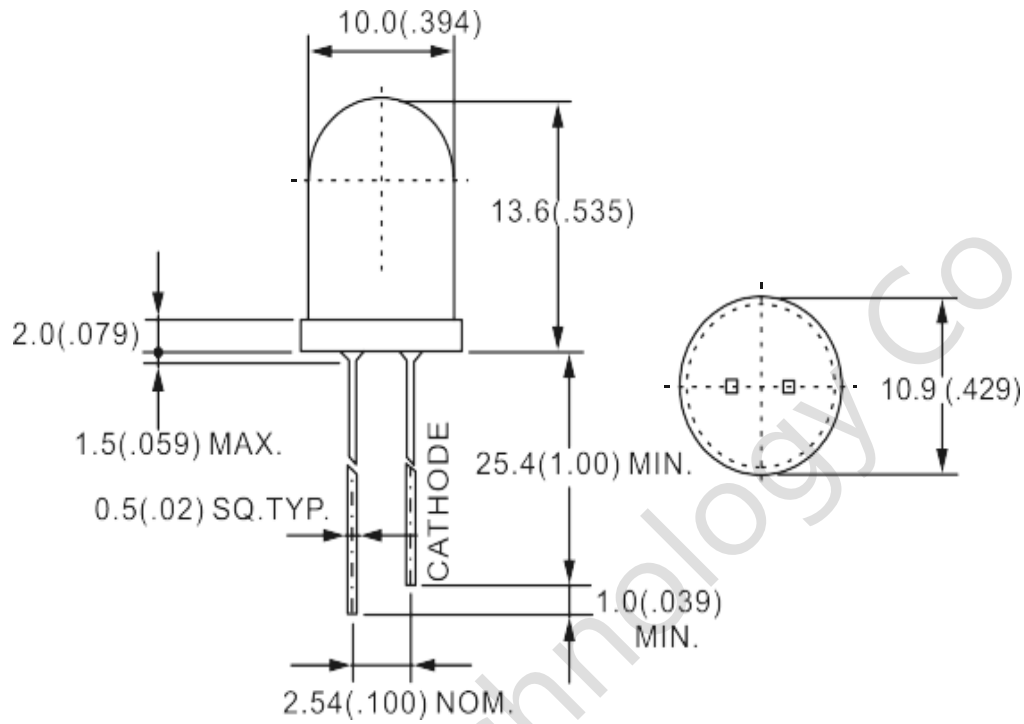
Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		(MM)		
B8B5304C	THLR8109	465	460	470	2460	8200	2.8	3.2	25	YES	28/26	Water Clear	8541401000THLR8109
B8G0304C	THLR8110	505	500	510	11700	19200	2.8	3.2	25	YES	28/26	Water Clear	8541401000THLR8110
B8G2304C	THLR8111	530	515	530	11700	23700	2.8	3.2	25	YES	28/26	Water Clear	8541401000THLR8111
B8G6304C	THLR8112	575	565	578	60	190	1.8	2.3	25	YES	28/26	Water Clear	8541401000THLR8112
B8Y2304C	THLR8113	590	585	590	1560	5760	1.8	2.3	25	YES	28/26	Water Clear	8541401000THLR8113
B8A0304C	THLR8114	605	615	630	2480	8200	1.8	2.3	25	YES	28/26	Water Clear	8541401000THLR8114
B8R2304C	THLR8115	624	615	630	3360	11200	1.8	2.3	25	YES	28/26	Water Clear	8541401000THLR8115
B8B5204C	THLR8116	465	460	470	300	780	2.8	3.2	60	YES	28/26	White Diffused	8541401000THLR8116
B8G0204C	THLR8117	505	500	510	1060	3360	2.8	3.2	60	YES	28/26	White Diffused	8541401000THLR8117
B8G2204C	THLR8118	530	515	530	1560	5760	2.8	3.2	60	YES	28/26	White Diffused	8541401000THLR8118
B8G6204C	THLR8119	575	565	578	40	120	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR8119
B8Y2204C	THLR8120	590	585	590	300	780	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR8120
B8A0204C	THLR8121	605	615	630	300	1060	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR8121
B8R2204C	THLR8122	624	615	630	300	1060	1.8	2.3	60	YES	28/26	White Diffused	8541401000THLR8122
B8B5104C	THLR8123	465	460	470	300	780	2.8	3.2	60	YES	28/26	Blue Diffused	8541401000THLR8123
B8G0104C	THLR8124	505	500	510	1060	3360	2.8	3.2	60	YES	28/26	Green Diffused	8541401000THLR8124
B8G2104C	THLR8125	530	515	530	1560	5760	2.8	3.2	60	YES	28/26	Green Diffused	8541401000THLR8125
B8G6104C	THLR8126	575	565	578	40	120	1.8	2.3	60	YES	28/26	Green Diffused	8541401000THLR8126
B8Y2104C	THLR8127	590	585	590	300	780	1.8	2.3	60	YES	28/26	Yellow Diffused	8541401000THLR8127
B8A0104C	THLR8128	605	615	630	300	1060	1.8	2.3	60	YES	28/26	Orange Diffused	8541401000THLR8128
B8R2104C	THLR8129	624	615	630	300	1060	1.8	2.3	60	YES	28/26	Red Diffused	8541401000THLR8129
B8B5404C	THLR8130	465	460	470	2460	8200	2.8	3.2	25	YES	28/26	Blue Clear	8541401000THLR8130
B8G0404C	THLR8131	505	500	510	11700	19200	2.8	3.2	25	YES	28/26	Green Clear	8541401000THLR8131
B8G2404C	THLR8132	530	515	530	11700	23700	2.8	3.2	25	YES	28/26	Green Clear	8541401000THLR8132
B8G6404C	THLR8133	575	565	578	60	190	1.8	2.3	25	YES	28/26	Green Clear	8541401000THLR8133
B8Y2404C	THLR8134	590	585	590	1560	5760	1.8	2.3	25	YES	28/26	Yellow Clear	8541401000THLR8134
B8A0404C	THLR8135	605	615	630	2480	8200	1.8	2.3	25	YES	28/26	Orange Clear	8541401000THLR8135
B8R2404C	THLR8136	624	615	630	3360	11200	1.8	2.3	25	YES	28/26	Red Clear	8541401000THLR8136

Queendom Through hole Round LEDs

Queendom 10mm Round LEDs

SIZE:



Queendom White Round 10mm LEDs & With flange

SIZE: 10.00 × 13.00 MM Sku: 8541401000THLR1005

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



PRODUCT	RANK NO.	CCT(K)	CRI	FLUX (mcd)		VOLTAGE (Vf)		DEG 2θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
				MIN	MAX	MIN	MAX						
B10WY302C	THLR1051	2200K	70 ↑	5700	19200	2.8	3.4	25	20	Y	18/16	Water Clear	8541401000THLR1051
B10WW302C	THLR1052	2700K	70 ↑	5700	19200	2.8	3.4	25	20	Y	18/16	Water Clear	8541401000THLR1052
B10WV302C	THLR1053	3000K	70 ↑	5700	19200	2.8	3.4	25	20	Y	18/16	Water Clear	8541401000THLR1053
B10WU302C	THLR1054	3500K	70 ↑	5700	19200	2.8	3.4	25	20	Y	18/16	Water Clear	8541401000THLR1054
B10WT302C	THLR1055	4000K	70 ↑	5700	19200	2.8	3.4	25	20	Y	18/16	Water Clear	8541401000THLR1055
B10WR302C	THLR1056	5000K	70 ↑	5700	19200	2.8	3.4	25	20	Y	18/16	Water Clear	8541401000THLR1056
B10WQ302C	THLR1057	5700K	70 ↑	5700	19200	2.8	3.4	25	20	Y	18/16	Water Clear	8541401000THLR1057
B10WP302C	THLR1058	6500K	70 ↑	5700	19200	2.8	3.4	25	20	Y	18/16	Water Clear	8541401000THLR1058
B10WD302C	THLR1059	7600K	70 ↑	3360	15700	2.8	3.4	25	20	Y	18/16	Water Clear	8541401000THLR1059
B10WC302C	THLR1060	10500K	70 ↑	2460	11700	2.8	3.4	25	20	Y	18/16	Water Clear	8541401000THLR1060
B10WY304C	THLR1061	2200K	70 ↑	5700	19200	2.8	3.4	25	20	Y	28/26	Water Clear	8541401000THLR01061
B10WW304C	THLR1062	2700K	70 ↑	5700	19200	2.8	3.4	25	20	Y	28/26	Water Clear	8541401000THLR01062
B10WV304C	THLR1063	3000K	70 ↑	5700	19200	2.8	3.4	25	20	Y	28/26	Water Clear	8541401000THLR01063
B10WU304C	THLR1064	3500K	70 ↑	5700	19200	2.8	3.4	25	20	Y	28/26	Water Clear	8541401000THLR01064
B10WT304C	THLR1065	4000K	70 ↑	5700	19200	2.8	3.4	25	20	Y	28/26	Water Clear	8541401000THLR01065
B10WR304C	THLR1066	5000K	70 ↑	5700	19200	2.8	3.4	25	20	Y	28/26	Water Clear	8541401000THLR01066
B10WQ304C	THLR1067	5700K	70 ↑	5700	19200	2.8	3.4	25	20	Y	28/26	Water Clear	8541401000THLR01067
B10WP304C	THLR1068	6500K	70 ↑	5700	19200	2.8	3.4	25	20	Y	28/26	Water Clear	8541401000THLR01068
B10WD304C	THLR1069	7600K	70 ↑	3360	15700	2.8	3.4	25	20	Y	28/26	Water Clear	8541401000THLR01069
B10WC304C	THLR1070	10500K	70 ↑	2460	11700	2.8	3.4	25	20	Y	28/26	Water Clear	8541401000THLR01070
B10WY202C	THLR1071	2200K	70 ↑	5700	19200	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1071
B10WW202C	THLR1072	2700K	70 ↑	5700	19200	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1072
B10WV202C	THLR1073	3000K	70 ↑	5700	19200	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1073
B10WU202C	THLR1074	3500K	70 ↑	5700	19200	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1074
B10WT202C	THLR1075	4000K	70 ↑	5700	19200	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1075
B10WR202C	THLR1076	5000K	70 ↑	5700	19200	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1076
B10WQ202C	THLR1077	5700K	70 ↑	5700	19200	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1077
B10WP202C	THLR1078	6500K	70 ↑	5700	19200	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1078
B10WD202C	THLR1079	7600K	70 ↑	780	2460	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1079
B10WC202C	THLR1080	10500K	70 ↑	780	2460	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1080
B10WY204C	THLR1081	2200K	70 ↑	5700	19200	2.8	3.4	60	20	Y	18/16	White Diffused	8541401000THLR1081
B10WW204C	THLR1082	2700K	70 ↑	5700	19200	2.8	3.4	60	20	Y	28/26	White Diffused	8541401000THLR1082
B10WV204C	THLR1083	3000K	70 ↑	5700	19200	2.8	3.4	60	20	Y	28/26	White Diffused	8541401000THLR1083
B10WU204C	THLR1084	3500K	70 ↑	5700	19200	2.8	3.4	60	20	Y	28/26	White Diffused	8541401000THLR1084
B10WT204C	THLR1085	4000K	70 ↑	5700	19200	2.8	3.4	60	20	Y	28/26	White Diffused	8541401000THLR1085
B10WR204C	THLR1086	5000K	70 ↑	5700	19200	2.8	3.4	60	20	Y	28/26	White Diffused	8541401000THLR1086
B10WQ204C	THLR1087	5700K	70 ↑	5700	19200	2.8	3.4	60	20	Y	28/26	White Diffused	8541401000THLR1087
B10WP204C	THLR1088	6500K	70 ↑	5700	19200	2.8	3.4	60	20	Y	28/26	White Diffused	8541401000THLR1088
B10WD204C	THLR1089	7600K	70 ↑	780	2460	2.8	3.4	60	20	Y	28/26	White Diffused	8541401000THLR1089
B10WC204C	THLR1090	10500K	70 ↑	780	2460	2.8	3.4	60	20	Y	28/26	White Diffused	8541401000THLR1090

Queendom Color Round 10mm LEDs & 02C PIN 18/16MM



SIZE: 10.00 × 13.00 MM Sku: 8541401000THLR1005

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		(MM)		
B10B5302C	THLR1091	465	460	470	2460	8200	2.8	3.2	25	Y	18/16	Water Clear	8541401000THLR1091
B10G0302C	THLR1092	505	500	510	11700	19200	2.8	3.2	25	Y	18/16	Water Clear	8541401000THLR1092
B10G2302C	THLR1093	530	515	530	11700	23700	2.8	3.2	25	Y	18/16	Water Clear	8541401000THLR1093
B10G6302C	THLR1094	575	565	578	60	190	1.8	2.3	25	Y	18/16	Water Clear	8541401000THLR1094
B10Y2302C	THLR1095	590	585	590	1560	5760	1.8	2.3	25	Y	18/16	Water Clear	8541401000THLR1095
B10A0302C	THLR1096	605	615	630	2480	8200	1.8	2.3	25	Y	18/16	Water Clear	8541401000THLR1096
B10R2302C	THLR1097	624	615	630	3360	11200	1.8	2.3	25	Y	18/16	Water Clear	8541401000THLR1097
B10B5202C	THLR1098	465	460	470	300	780	2.8	3.2	60	Y	18/16	White Diffused	8541401000THLR1098
B10G0202C	THLR1099	505	500	510	1060	3360	2.8	3.2	60	Y	18/16	White Diffused	8541401000THLR1099
B10G2202C	THLR1100	530	515	530	1560	5760	2.8	3.2	60	Y	18/16	White Diffused	8541401000THLR1100
B10G6202C	THLR1101	575	565	578	40	120	1.8	2.3	60	Y	18/16	White Diffused	8541401000THLR1101
B10Y2202C	THLR1102	590	585	590	300	780	1.8	2.3	60	Y	18/16	White Diffused	8541401000THLR1102
B10A0202C	THLR1103	605	615	630	300	1060	1.8	2.3	60	Y	18/16	White Diffused	8541401000THLR1103
B10R2202C	THLR1104	624	615	630	300	1060	1.8	2.3	60	Y	18/16	White Diffused	8541401000THLR1104
B10B5102C	THLR1105	465	460	470	300	780	2.8	3.2	60	Y	18/16	Blue Diffused	8541401000THLR1105
B10G0102C	THLR1106	505	500	510	1060	3360	2.8	3.2	60	Y	18/16	Green Diffused	8541401000THLR1106
B10G2102C	THLR1107	530	515	530	1560	5760	2.8	3.2	60	Y	18/16	Green Diffused	8541401000THLR1107
B10G6102C	THLR1108	575	565	578	40	120	1.8	2.3	60	Y	18/16	Green Diffused	8541401000THLR1108
B10Y2102C	THLR1109	590	585	590	300	780	1.8	2.3	60	Y	18/16	Yellow Diffused	8541401000THLR1109
B10A0102C	THLR1110	605	615	630	300	1060	1.8	2.3	60	Y	18/16	Orange Diffused	8541401000THLR1110
B10R2102C	THLR1111	624	615	630	300	1060	1.8	2.3	60	Y	18/16	Red Diffused	8541401000THLR1111
B10B5402C	THLR1112	465	460	470	2460	8200	2.8	3.2	25	Y	18/16	Blue Clear	8541401000THLR1112
B10G0402C	THLR1113	505	500	510	11700	19200	2.8	3.2	25	Y	18/16	Green Clear	8541401000THLR1113
B10G2402C	THLR1114	530	515	530	11700	23700	2.8	3.2	25	Y	18/16	Green Clear	8541401000THLR1114
B10G6402C	THLR1115	575	565	578	60	190	1.8	2.3	25	Y	18/16	Green Clear	8541401000THLR1115
B10Y2402C	THLR1116	590	585	590	1560	5760	1.8	2.3	25	Y	18/16	Yellow Clear	8541401000THLR1116
B10A0402C	THLR1117	605	615	630	2480	8200	1.8	2.3	25	Y	18/16	Orange Clear	8541401000THLR1117
B10R2402C	THLR1118	624	615	630	3360	11200	1.8	2.3	25	Y	18/16	Red Clear	8541401000THLR1118

Queendom Color Round 10mm LEDs & 04C PIN 28/26MM



SIZE: 10.00 × 13.00 MM Sku: 8541401000THLR1005

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

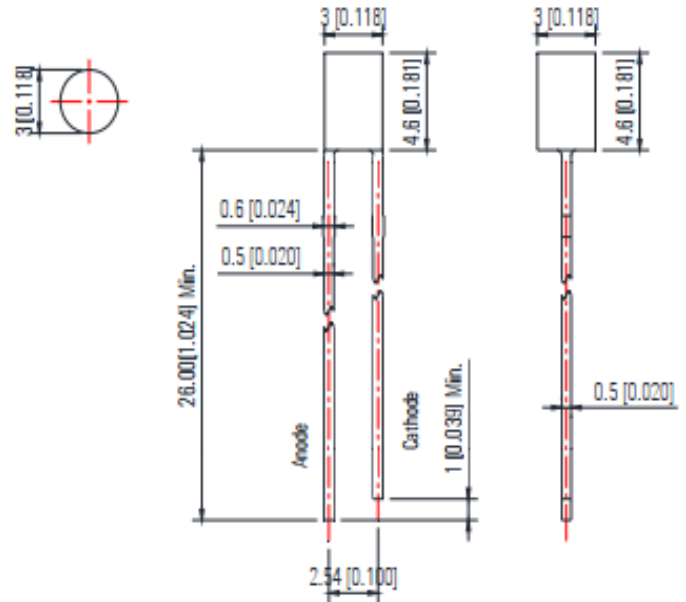
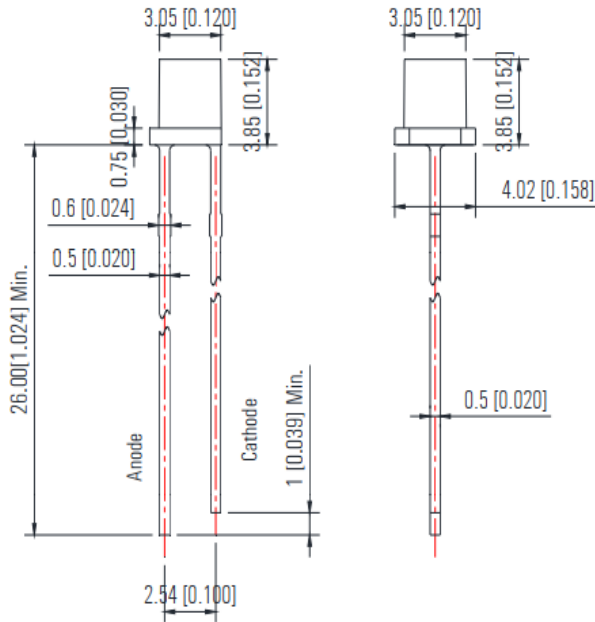
RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2		(MM)		
B10B5304C	THLR1119	465	460	470	2460	8200	2.8	3.2	25	Y	28/26	Water Clear	8541401000THLR1119
B10G0304C	THLR1120	505	500	510	11700	19200	2.8	3.2	25	Y	28/26	Water Clear	8541401000THLR1120
B10G2304C	THLR1121	530	515	530	11700	23700	2.8	3.2	25	Y	28/26	Water Clear	8541401000THLR1121
B10G6304C	THLR1122	575	565	578	60	190	1.8	2.3	25	Y	28/26	Water Clear	8541401000THLR1122
B10Y2304C	THLR1123	590	585	590	1560	5760	1.8	2.3	25	Y	28/26	Water Clear	8541401000THLR1123
B10A0304C	THLR1124	605	615	630	2480	8200	1.8	2.3	25	Y	28/26	Water Clear	8541401000THLR1124
B10R2304C	THLR1125	624	615	630	3360	11200	1.8	2.3	25	Y	28/26	Water Clear	8541401000THLR1125
B10B5204C	THLR1126	465	460	470	300	780	2.8	3.2	60	Y	28/26	White Diffused	8541401000THLR1126
B10G0204C	THLR1127	505	500	510	1060	3360	2.8	3.2	60	Y	28/26	White Diffused	8541401000THLR1127
B10G2204C	THLR1128	530	515	530	1560	5760	2.8	3.2	60	Y	28/26	White Diffused	8541401000THLR1128
B10G6204C	THLR1129	575	565	578	40	120	1.8	2.3	60	Y	28/26	White Diffused	8541401000THLR1129
B10Y2204C	THLR1130	590	585	590	300	780	1.8	2.3	60	Y	28/26	White Diffused	8541401000THLR1130
B10A0204C	THLR1131	605	615	630	300	1060	1.8	2.3	60	Y	28/26	White Diffused	8541401000THLR1131
B10R2204C	THLR1132	624	615	630	300	1060	1.8	2.3	60	Y	28/26	White Diffused	8541401000THLR1132
B10B5104C	THLR1133	465	460	470	300	780	2.8	3.2	60	Y	28/26	Blue Diffused	8541401000THLR1133
B10G0104C	THLR1134	505	500	510	1060	3360	2.8	3.2	60	Y	28/26	Green Diffused	8541401000THLR1134
B10G2104C	THLR1135	530	515	530	1560	5760	2.8	3.2	60	Y	28/26	Green Diffused	8541401000THLR1135
B10G6104C	THLR1136	575	565	578	40	120	1.8	2.3	60	Y	28/26	Green Diffused	8541401000THLR1136
B10Y2104C	THLR1137	590	585	590	300	780	1.8	2.3	60	Y	28/26	Yellow Diffused	8541401000THLR1137
B10A0104C	THLR1138	605	615	630	300	1060	1.8	2.3	60	Y	28/26	Orange Diffused	8541401000THLR1138
B10R2104C	THLR1139	624	615	630	300	1060	1.8	2.3	60	Y	28/26	Red Diffused	8541401000THLR1139
B10B5404C	THLR1140	465	460	470	2460	8200	2.8	3.2	25	Y	28/26	Blue Clear	8541401000THLR1140
B10G0404C	THLR1141	505	500	510	11700	19200	2.8	3.2	25	Y	28/26	Green Clear	8541401000THLR1141
B10G2404C	THLR1142	530	515	530	11700	23700	2.8	3.2	25	Y	28/26	Green Clear	8541401000THLR1142
B10G6404C	THLR1143	575	565	578	60	190	1.8	2.3	25	Y	28/26	Green Clear	8541401000THLR1143
B10Y2404C	THLR1144	590	585	590	1560	5760	1.8	2.3	25	Y	28/26	Yellow Clear	8541401000THLR1144
B10A0404C	THLR1145	605	615	630	2480	8200	1.8	2.3	25	Y	28/26	Orange Clear	8541401000THLR1145
B10R2404C	THLR1146	624	615	630	3360	11200	1.8	2.3	25	Y	28/26	Red Clear	8541401000THLR1146

Queendom Through hole Cylindrical LEDs

Queendom 3mm Cylindrical LEDs

04C

04D



Queendom White 3mm Cylindrical LEDs & With flange

SIZE: 3.00 × 3.85 MM Sku: 8541401000THLC301

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



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
C3WY302C	THLC30101	2200K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC30101
C3WW302C	THLC30102	2700K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC30102
C3WV302C	THLC30103	3000K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC30103
C3WU302C	THLC30104	3500K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC30104
C3WT302C	THLC30105	4000K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC30105
C3WR302C	THLC30106	5000K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC30106
C3WQ302C	THLC30107	5700K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC30107
C3WP302C	THLC30108	6500K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC30108
C3WD302C	THLC30109	7600K	780	1560	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC30109
C3WC302C	THLC30110	10500K	780	1560	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC30110
C3WY304C	THLC30111	2200K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC30111
C3WW304C	THLC30112	2700K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC30112
C3WV304C	THLC30113	3000K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC30113
C3WU304C	THLC30114	3500K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC30114
C3WT304C	THLC30115	4000K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC30115
C3WR304C	THLC30116	5000K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC30116
C3WQ304C	THLC30117	5700K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC30117
C3WP304C	THLC30118	6500K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC30118
C3WD304C	THLC30119	7600K	780	1560	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC30119
C3WC304C	THLC30120	10500K	780	1560	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC30120
C3WY202C	THLC30121	2200K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30121
C3WW202C	THLC30122	2700K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30122
C3WV202C	THLC30123	3000K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30123
C3WU202C	THLC30124	3500K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30124
C3WT202C	THLC30125	4000K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30125
C3WR202C	THLC30126	5000K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30126
C3WQ202C	THLC30127	5700K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30127
C3WP202C	THLC30128	6500K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30128
C3WD202C	THLC30129	7600K	300	1060	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30129
C3WC202C	THLC30130	10500K	300	1060	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30130
C3WY204C	THLC30131	2200K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC30131
C3WW204C	THLC30132	2700K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC30132
C3WV204C	THLC30133	3000K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC30133
C3WU204C	THLC30134	3500K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC30134
C3WT204C	THLC30135	4000K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC30135
C3WR204C	THLC30136	5000K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC30136
C3WQ204C	THLC30137	5700K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC30137
C3WP204C	THLC30138	6500K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC30138
C3WD204C	THLC30139	7600K	300	1060	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC30139
C3WC204C	THLC30140	10500K	300	1060	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC30140

Queendom White 3mm Cylindrical LEDs & NOT flange

SIZE: 3.00 × 4.60MM Sku: 8541401000THLC301

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



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
C3WY302D	THLC30141	2200K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC30141
C3WW302D	THLC30142	2700K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC30142
C3WV302D	THLC30143	3000K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC30143
C3WU302D	THLC30144	3500K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC30144
C3WT302D	THLC30145	4000K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC30145
C3WR302D	THLC30146	5000K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC30146
C3WQ302D	THLC30147	5700K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC30147
C3WP302D	THLC30148	6500K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC30148
C3WD302D	THLC30149	7600K	780	1560	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC30149
C3WC302D	THLC30150	10500K	780	1560	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC30150
C3WY304D	THLC30151	2200K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC30151
C3WW304D	THLC30152	2700K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC30152
C3WV304D	THLC30153	3000K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC30153
C3WU304D	THLC30154	3500K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC30154
C3WT304D	THLC30155	4000K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC30155
C3WR304D	THLC30156	5000K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC30156
C3WQ304D	THLC30157	5700K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC30157
C3WP304D	THLC30158	6500K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC30158
C3WD304D	THLC30159	7600K	780	1560	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC30159
C3WC304D	THLC30160	10500K	780	1560	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC30160
C3WY202D	THLC30161	2200K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30161
C3WW202D	THLC30162	2700K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30162
C3WV202D	THLC30163	3000K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30163
C3WU202D	THLC30164	3500K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30164
C3WT202D	THLC30165	4000K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30165
C3WR202D	THLC30166	5000K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30166
C3WQ202D	THLC30167	5700K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30167
C3WP202D	THLC30168	6500K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30168
C3WD202D	THLC30169	7600K	300	1060	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30169
C3WC202D	THLC30170	10500K	300	1060	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30170
C3WY204D	THLC30171	2200K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC30171
C3WW204D	THLC30172	2700K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC30172
C3WV204D	THLC30173	3000K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC30173
C3WU204D	THLC30174	3500K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC30174
C3WT204D	THLC30175	4000K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC30175
C3WR204D	THLC30176	5000K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC30176
C3WQ204D	THLC30177	5700K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC30177
C3WP204D	THLC30178	6500K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC30178
C3WD204D	THLC30179	7600K	300	1060	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC30179
C3WC204D	THLC30180	10500K	300	1060	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC30180

Queendom Color 3mm Cylindrical LEDs & With flange 04C



SIZE: 3.00 × 3.85 MM Sku: 8541401000THLC301

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2			
C3B5304C	THLC30181	465	460	470	500	1060	2.8	3.2	100	Y	Water Clear	8541401000THLC30181
C3G1304C	THLC30182	505	500	510	1060	3360	2.8	3.2	100	Y	Water Clear	8541401000THLC30182
C3G2304C	THLC30183	530	520	530	1560	3360	2.8	3.2	100	Y	Water Clear	8541401000THLC30183
C3G3304C	THLC30184	550	550	560	40	300	1.8	2.3	100	Y	Water Clear	8541401000THLC30184
C3G4304C	THLC30185	575	570	580	15	60	1.8	2.3	100	Y	Water Clear	8541401000THLC30185
C3Y2304C	THLC30186	590	585	595	90	160	1.8	2.3	100	Y	Water Clear	8541401000THLC30186
C3R1304C	THLC30187	605	600	610	90	190	1.8	2.3	100	Y	Water Clear	8541401000THLC30187
C3R2304C	THLC30188	624	620	630	90	190	1.8	2.3	100	Y	Water Clear	8541401000THLC30188
C3B5204C	THLC30189	465	460	470	120	300	2.8	3.2	100	Y	White Diffused	8541401000THLC30189
C3G1204C	THLC30190	505	500	510	500	1560	2.8	3.2	100	Y	White Diffused	8541401000THLC30190
C3G2204C	THLC30191	530	520	530	500	1560	2.8	3.2	100	Y	White Diffused	8541401000THLC30191
C3G4204C	THLC30192	550	550	560	20	60	1.8	2.3	100	Y	White Diffused	8541401000THLC30192
C3G6204C	THLC30193	575	570	580	15	40	1.8	2.3	100	Y	White Diffused	8541401000THLC30193
C3Y2204C	THLC30194	590	585	595	30	90	1.8	2.3	100	Y	White Diffused	8541401000THLC30194
C3R1204C	THLC30195	605	600	610	40	120	1.8	2.3	100	Y	White Diffused	8541401000THLC30195
C3R2204C	THLC30196	624	620	630	40	120	1.8	2.3	100	Y	White Diffused	8541401000THLC30196
C3B5104C	THLC30197	465	460	470	300	780	2.8	3.2	100	Y	Blue Diffused	8541401000THLC30197
C3G1104C	THLC30198	505	500	510	1060	3360	2.8	3.2	100	Y	Green Diffused	8541401000THLC30198
C3G2104C	THLC30199	530	520	530	1560	5760	2.8	3.2	100	Y	Green Diffused	8541401000THLC30199
C3G4104C	THLC30200	550	550	560	20	120	1.8	2.3	100	Y	Green Diffused	8541401000THLC30200
C3G5104C	THLC30201	575	570	580	40	120	1.8	2.3	100	Y	Green Diffused	8541401000THLC30201
C3Y2104C	THLC30202	590	585	595	90	190	1.8	2.3	100	Y	Yellow Diffused	8541401000THLC30202
C3R1104C	THLC30203	605	600	610	120	300	1.8	2.3	100	Y	Orange Diffused	8541401000THLC30203
C3R2104C	THLC30204	624	620	630	120	300	1.8	2.3	100	Y	Red Diffused	8541401000THLC30204
C3B5404C	THLC30205	465	460	470	120	300	2.8	3.2	100	Y	Blue Clear	8541401000THLC30205
C3G1404C	THLC30206	505	500	510	500	1560	2.8	3.2	100	Y	Green Clear	8541401000THLC30206
C3G2404C	THLC30207	530	520	530	500	1560	2.8	3.2	100	Y	Green Clear	8541401000THLC30207
C3G4404C	THLC30208	550	530	540	20	60	1.8	2.3	100	Y	Green Clear	8541401000THLC30208
C3G5404C	THLC30209	575	570	580	15	40	1.8	2.3	100	Y	Green Clear	8541401000THLC30209
C3Y2404C	THLC30210	590	585	595	30	90	1.8	2.3	100	Y	Yellow Clear	8541401000THLC30210
C3R1404C	THLC30211	605	600	610	40	120	1.8	2.3	100	Y	Orange Clear	8541401000THLC30211
C3R2404C	THLC30212	624	620	630	40	120	1.8	2.3	100	Y	Red Clear	8541401000THLC30212

Queendom Color 3mm Cylindrical LEDs & With flange 04D



SIZE: 3.00 × 4.60 MM Sku: 8541401000THLC301

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2			
C3B5304D	THLC30213	465	460	470	500	1060	2.8	3.2	100	N	Water Clear	8541401000THLC30213
C3G1304D	THLC30214	505	500	510	1060	3360	2.8	3.2	100	N	Water Clear	8541401000THLC30214
C3G2304D	THLC30215	530	520	530	1560	3360	2.8	3.2	100	N	Water Clear	8541401000THLC30215
C3G3304D	THLC30216	550	550	560	40	300	1.8	2.3	100	N	Water Clear	8541401000THLC30216
C3G4304D	THLC30217	575	570	580	15	60	1.8	2.3	100	N	Water Clear	8541401000THLC30217
C3Y2304D	THLC30218	590	585	595	90	160	1.8	2.3	100	N	Water Clear	8541401000THLC30218
C3R1304D	THLC30219	605	600	610	90	190	1.8	2.3	100	N	Water Clear	8541401000THLC30219
C3R2304D	THLC30220	624	620	630	90	190	1.8	2.3	100	N	Water Clear	8541401000THLC30220
C3B5204D	THLC30221	465	460	470	120	300	2.8	3.2	100	N	White Diffused	8541401000THLC30221
C3G1204D	THLC30222	505	500	510	500	1560	2.8	3.2	100	N	White Diffused	8541401000THLC30222
C3G2204D	THLC30223	530	520	530	500	1560	2.8	3.2	100	N	White Diffused	8541401000THLC30223
C3G4204D	THLC30224	550	550	560	20	60	1.8	2.3	100	N	White Diffused	8541401000THLC30224
C3G6204D	THLC30225	575	570	580	15	40	1.8	2.3	100	N	White Diffused	8541401000THLC30225
C3Y2204D	THLC30226	590	585	595	30	90	1.8	2.3	100	N	White Diffused	8541401000THLC30226
C3R1204D	THLC30227	605	600	610	40	120	1.8	2.3	100	N	White Diffused	8541401000THLC30227
C3R2204D	THLC30228	624	620	630	40	120	1.8	2.3	100	N	White Diffused	8541401000THLC30228
C3B5104D	THLC30229	465	460	470	300	780	2.8	3.2	100	N	Blue Diffused	8541401000THLC30229
C3G1104D	THLC30230	505	500	510	1060	3360	2.8	3.2	100	N	Green Diffused	8541401000THLC30230
C3G2104D	THLC30231	530	520	530	1560	5760	2.8	3.2	100	N	Green Diffused	8541401000THLC30231
C3G4104D	THLC30232	550	550	560	20	120	1.8	2.3	100	N	Green Diffused	8541401000THLC30232
C3G5104D	THLC30233	575	570	580	40	120	1.8	2.3	100	N	Green Diffused	8541401000THLC30233
C3Y2104D	THLC30234	590	585	595	90	190	1.8	2.3	100	N	Yellow Diffused	8541401000THLC30234
C3R1104D	THLC30235	605	600	610	120	300	1.8	2.3	100	N	Orange Diffused	8541401000THLC30235
C3R2104D	THLC30236	624	620	630	120	300	1.8	2.3	100	N	Red Diffused	8541401000THLC30236
C3B5404D	THLC30237	465	460	470	120	300	2.8	3.2	100	N	Blue Clear	8541401000THLC30237
C3G1404D	THLC30238	505	500	510	500	1560	2.8	3.2	100	N	Green Clear	8541401000THLC30238
C3G2404D	THLC30239	530	520	530	500	1560	2.8	3.2	100	N	Green Clear	8541401000THLC30239
C3G4404D	THLC30240	550	530	540	20	60	1.8	2.3	100	N	Green Clear	8541401000THLC30240
C3G5404D	THLC30241	575	570	580	15	40	1.8	2.3	100	N	Green Clear	8541401000THLC30241
C3Y2404D	THLC30242	590	585	595	30	90	1.8	2.3	100	N	Yellow Clear	8541401000THLC30242
C3R1404D	THLC30243	605	600	610	40	120	1.8	2.3	100	N	Orange Clear	8541401000THLC30243
C3R2404D	THLC30244	624	620	630	40	120	1.8	2.3	100	N	Red Clear	8541401000THLC30244

Queendom Color 3mm Cylindrical LEDs & With flange 04C



BI-PN polarity

SIZE: 3.00 × 3.85 MM Sku: 8541401000THLC301

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2θ 1/2			
C3B5304C-GD	THLC30245	465	460	470	500	1060	2.8	3.2	100	Y	Water Clear	8541401000THLC30245
C3G1304C-GD	THLC30246	505	500	510	1060	3360	2.8	3.2	20	Y	Water Clear	8541401000THLC30246
C3G2304C-GD	THLC30247	530	520	530	1560	3360	2.8	3.2	20	Y	Water Clear	8541401000THLC30247
C3G3304C-GD	THLC30248	550	550	560	40	300	1.8	2.3	20	Y	Water Clear	8541401000THLC30248
C3G4304C-GD	THLC30249	575	570	580	15	60	1.8	2.3	20	Y	Water Clear	8541401000THLC30249
C3Y2304C-GD	THLC30250	590	585	595	90	160	1.8	2.3	20	Y	Water Clear	8541401000THLC30250
C3R1304C-GD	THLC30251	605	600	610	90	190	1.8	2.3	20	Y	Water Clear	8541401000THLC30251
C3R2304C-GD	THLC30252	624	620	630	90	190	1.8	2.3	20	Y	Water Clear	8541401000THLC30252
C3B5204C-GD	THLC30253	465	460	470	120	300	2.8	3.2	20	Y	White Diffused	8541401000THLC30253
C3G1204C-GD	THLC30254	505	500	510	500	1560	2.8	3.2	20	Y	White Diffused	8541401000THLC30254
C3G2204C-GD	THLC30255	530	520	530	500	1560	2.8	3.2	20	Y	White Diffused	8541401000THLC30255
C3G4204C-GD	THLC30256	550	550	560	20	60	1.8	2.3	20	Y	White Diffused	8541401000THLC30256
C3G6204C-GD	THLC30257	575	570	580	15	40	1.8	2.3	20	Y	White Diffused	8541401000THLC30257
C3Y2204C-GD	THLC30258	590	585	595	30	90	1.8	2.3	20	Y	White Diffused	8541401000THLC30258
C3R1204C-GD	THLC30259	605	600	610	40	120	1.8	2.3	20	Y	White Diffused	8541401000THLC30259
C3R2204C-GD	THLC30260	624	620	630	40	120	1.8	2.3	20	Y	White Diffused	8541401000THLC30260
C3B5104C-GD	THLC30261	465	460	470	300	780	2.8	3.2	20	Y	Blue Diffused	8541401000THLC30261
C3G1104C-GD	THLC30262	505	500	510	1060	3360	2.8	3.2	20	Y	Green Diffused	8541401000THLC30262
C3G2104C-GD	THLC30263	530	520	530	1560	5760	2.8	3.2	20	Y	Green Diffused	8541401000THLC30263
C3G4104C-GD	THLC30264	550	550	560	20	120	1.8	2.3	20	Y	Green Diffused	8541401000THLC30264
C3G5104C-GD	THLC30265	575	570	580	40	120	1.8	2.3	20	Y	Green Diffused	8541401000THLC30265
C3Y2104C-GD	THLC30266	590	585	595	90	190	1.8	2.3	20	Y	Yellow Diffused	8541401000THLC30266
C3R1104C-GD	THLC30267	605	600	610	120	300	1.8	2.3	20	Y	Orange Diffused	8541401000THLC30267
C3R2104C-GD	THLC30268	624	620	630	120	300	1.8	2.3	20	Y	Red Diffused	8541401000THLC30268
C3B5404C-GD	THLC30269	465	460	470	120	300	2.8	3.2	20	Y	Blue Clear	8541401000THLC30269
C3G1404C-GD	THLC30270	505	500	510	500	1560	2.8	3.2	20	Y	Green Clear	8541401000THLC30270
C3G2404C-GD	THLC30271	530	520	530	500	1560	2.8	3.2	20	Y	Green Clear	8541401000THLC30271
C3G4404C-GD	THLC30272	550	530	540	20	60	1.8	2.3	20	Y	Green Clear	8541401000THLC30272
C3G5404C-GD	THLC30273	575	570	580	15	40	1.8	2.3	20	Y	Green Clear	8541401000THLC30273
C3Y2404C-GD	THLC30274	590	585	595	30	90	1.8	2.3	20	Y	Yellow Clear	8541401000THLC30274
C3R1404C-GD	THLC30275	605	600	610	40	120	1.8	2.3	20	Y	Orange Clear	8541401000THLC30275
C3R2404C-GD	THLC30276	624	620	630	40	120	1.8	2.3	20	Y	Red Clear	8541401000THLC30276

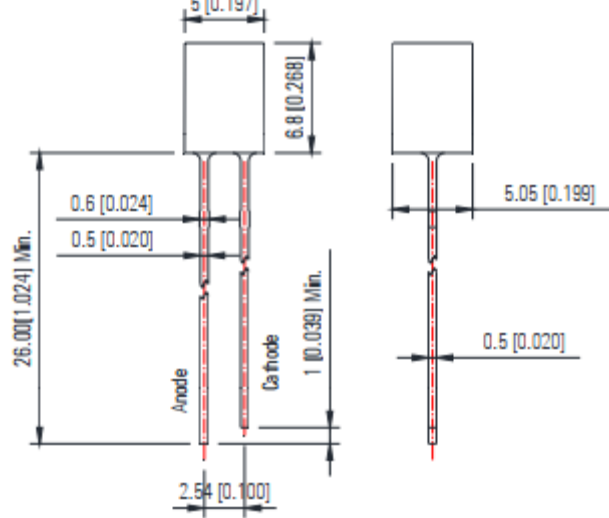
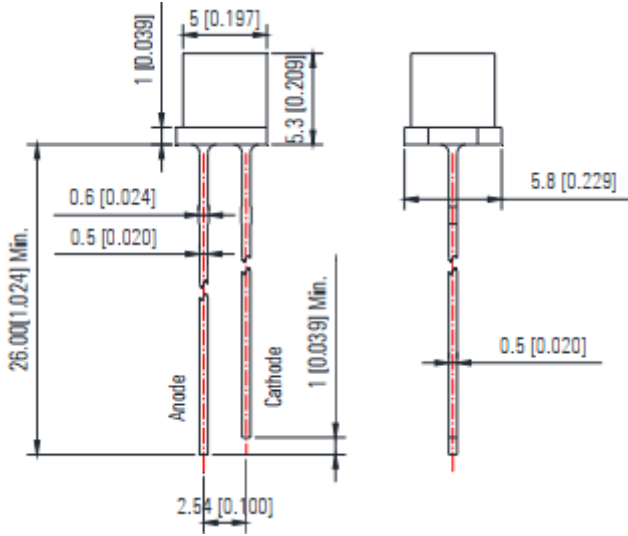
Queendom Through hole Cylindrical LEDs

Queendom 5mm Cylindrical LEDs



04C

04D



Queendom White 5mm Cylindrical LEDs & With flange

SIZE: 5.00 × 5.30MM Sku: 8541401000THLC503

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



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
C5WY302C	THLC5031	2200K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC5031
C5WW302C	THLC5032	2700K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC5032
C5WV302C	THLC5033	3000K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC5033
C5WU302C	THLC5034	3500K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC5034
C5WT302C	THLC5035	4000K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC5035
C5WR302C	THLC5036	5000K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC5036
C5WQ302C	THLC5037	5700K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC5037
C5WP302C	THLC5038	6500K	1060	2460	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC5038
C5WD302C	THLC5039	7600K	780	1560	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC5039
C5WC302C	THLC5040	10500K	780	1560	2.8	3.4	100	20	Y	18/16	Water Clear	8541401000THLC5040
C5WY304C	THLC5041	2200K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC5041
C5WW304C	THLC5042	2700K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC5042
C5WV304C	THLC5043	3000K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC5043
C5WU304C	THLC5044	3500K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC5044
C5WT304C	THLC5045	4000K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC5045
C5WR304C	THLC5046	5000K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC5046
C5WQ304C	THLC5047	5700K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC5047
C5WP304C	THLC5048	6500K	1060	2460	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC5048
C5WD304C	THLC5049	7600K	780	1560	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC5049
C5WC304C	THLC5050	10500K	780	1560	2.8	3.4	100	20	Y	28/26	Water Clear	8541401000THLC5050
C5WY202C	THLC5051	2200K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5051
C5WW202C	THLC5052	2700K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5052
C5WV202C	THLC5053	3000K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5053
C5WU202C	THLC5054	3500K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5054
C5WT202C	THLC5055	4000K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5055
C5WR202C	THLC5056	5000K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5056
C5WQ202C	THLC5057	5700K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5057
C5WP202C	THLC5058	6500K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5058
C5WD202C	THLC5059	7600K	300	1060	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5059
C5WC202C	THLC5060	10500K	300	1060	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5060
C5WY204C	THLC5061	2200K	500	1560	2.8	3.4	100	20	Y	18/16	White Diffused	8541401000THLC5061
C5WW204C	THLC5062	2700K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC5062
C5WV204C	THLC5063	3000K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC5063
C5WU204C	THLC5064	3500K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC5064
C5WT204C	THLC5065	4000K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC5065
C5WR204C	THLC5066	5000K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC5066
C5WQ204C	THLC5067	5700K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC5067
C5WP204C	THLC5068	6500K	500	1560	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC5068
C5WD204C	THLC5069	7600K	300	1060	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC5069
C5WC204C	THLC5070	10500K	300	1060	2.8	3.4	100	20	Y	28/26	White Diffused	8541401000THLC5070

Queendom White 5mm Cylindrical LEDs & NOT flange

SIZE: 5.00 × 6.80MM Sku: 8541401000THLC503

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



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
C5WY302D	THLC5071	2200K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC5071
C5WW302D	THLC5072	2700K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC5072
C5WV302D	THLC5073	3000K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC5073
C5WU302D	THLC5074	3500K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC5074
C5WT302D	THLC5075	4000K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC5075
C5WR302D	THLC5076	5000K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC5076
C5WQ302D	THLC5077	5700K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC5077
C5WP302D	THLC5078	6500K	1060	2460	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC5078
C5WD302D	THLC5079	7600K	780	1560	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC5079
C5WC302D	THLC5080	10500K	780	1560	2.8	3.4	100	20	N	18/16	Water Clear	8541401000THLC5080
C5WY304D	THLC5081	2200K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC5081
C5WW304D	THLC5082	2700K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC5082
C5WV304D	THLC5083	3000K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC5083
C5WU304D	THLC5084	3500K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC5084
C5WT304D	THLC5085	4000K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC5085
C5WR304D	THLC5086	5000K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC5086
C5WQ304D	THLC5087	5700K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC5087
C5WP304D	THLC5088	6500K	1060	2460	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC5088
C5WD304D	THLC5089	7600K	780	1560	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC5089
C5WC304D	THLC5090	10500K	780	1560	2.8	3.4	100	20	N	28/26	Water Clear	8541401000THLC5090
C5WY202D	THLC5091	2200K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5091
C5WW202D	THLC5092	2700K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5092
C5WV202D	THLC5093	3000K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5093
C5WU202D	THLC5094	3500K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5094
C5WT202D	THLC5095	4000K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5095
C5WR202D	THLC5096	5000K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5096
C5WQ202D	THLC5097	5700K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5097
C5WP202D	THLC5098	6500K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5098
C5WD202D	THLC5099	7600K	300	1060	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5099
C5WC202D	THLC5100	10500K	300	1060	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5100
C5WY204D	THLC5101	2200K	500	1560	2.8	3.4	100	20	N	18/16	White Diffused	8541401000THLC5101
C5WW204D	THLC5102	2700K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC5102
C5WV204D	THLC5103	3000K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC5103
C5WU204D	THLC5104	3500K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC5104
C5WT204D	THLC5105	4000K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC5105
C5WR204D	THLC5106	5000K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC5106
C5WQ204D	THLC5107	5700K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC5107
C5WP204D	THLC5108	6500K	500	1560	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC5108
C5WD204D	THLC5109	7600K	300	1060	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC5109
C5WC204D	THLC5110	10500K	300	1060	2.8	3.4	100	20	N	28/26	White Diffused	8541401000THLC5110

Queendom Color 5mm Cylindrical LEDs & With flange 04C



SIZE: 5.00 × 5.30MM Sku: 8541401000THLC503

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2			
C5B5304C	THLC5111	465	460	470	500	1060	2.8	3.2	100	Y	Water Clear	8541401000THLC5111
C5G0304C	THLC5112	505	500	510	1060	3360	2.8	3.2	100	Y	Water Clear	8541401000THLC5112
C5G2304C	THLC5113	530	520	530	1560	3360	2.8	3.2	100	Y	Water Clear	8541401000THLC5113
C5G3304C	THLC5114	550	550	560	40	300	1.8	2.3	100	Y	Water Clear	8541401000THLC5114
C5G4304C	THLC5115	575	570	580	15	60	1.8	2.3	100	Y	Water Clear	8541401000THLC5115
C5Y2304C	THLC5116	590	585	595	90	160	1.8	2.3	100	Y	Water Clear	8541401000THLC5116
C5R1304C	THLC5117	605	600	610	90	190	1.8	2.3	100	Y	Water Clear	8541401000THLC5117
C5R2304C	THLC5118	624	620	630	90	190	1.8	2.3	100	Y	Water Clear	8541401000THLC5118
C5B5204C	THLC5119	465	460	470	120	300	2.8	3.2	100	Y	White Diffused	8541401000THLC5119
C5G0204C	THLC5120	505	500	510	500	1560	2.8	3.2	100	Y	White Diffused	8541401000THLC5120
C5G2204C	THLC5121	530	520	530	500	1560	2.8	3.2	100	Y	White Diffused	8541401000THLC5121
C5G4204C	THLC5122	550	550	560	20	60	1.8	2.3	100	Y	White Diffused	8541401000THLC5122
C5G6204C	THLC5123	575	570	580	15	40	1.8	2.3	100	Y	White Diffused	8541401000THLC5123
C5Y2204C	THLC5124	590	585	595	30	90	1.8	2.3	100	Y	White Diffused	8541401000THLC5124
C5R1204C	THLC5125	605	600	610	40	120	1.8	2.3	100	Y	White Diffused	8541401000THLC5125
C5R2204C	THLC5126	624	620	630	40	120	1.8	2.3	100	Y	White Diffused	8541401000THLC5126
C5B5104C	THLC5127	465	460	470	300	780	2.8	3.2	100	Y	Blue Diffused	8541401000THLC5127
C5G0104C	THLC5128	505	500	510	1060	3360	2.8	3.2	100	Y	Green Diffused	8541401000THLC5128
C5G2104C	THLC5129	530	520	530	1560	5760	2.8	3.2	100	Y	Green Diffused	8541401000THLC5129
C5G4104C	THLC5130	550	550	560	20	120	1.8	2.3	100	Y	Green Diffused	8541401000THLC5130
C5G5104C	THLC5131	575	570	580	40	120	1.8	2.3	100	Y	Green Diffused	8541401000THLC5131
C5Y2104C	THLC5132	590	585	595	90	190	1.8	2.3	100	Y	Yellow Diffused	8541401000THLC5132
C5R1104C	THLC5133	605	600	610	120	300	1.8	2.3	100	Y	Orange Diffused	8541401000THLC5133
C5R2104C	THLC5134	624	620	630	120	300	1.8	2.3	100	Y	Red Diffused	8541401000THLC5134
C5B5404C	THLC5135	465	460	470	120	300	2.8	3.2	100	Y	Blue Clear	8541401000THLC5135
C5G0404C	THLC5136	505	500	510	500	1560	2.8	3.2	100	Y	Green Clear	8541401000THLC5136
C5G2404C	THLC5137	530	520	530	500	1560	2.8	3.2	100	Y	Green Clear	8541401000THLC5137
C5G4404C	THLC5138	550	530	540	20	60	1.8	2.3	100	Y	Green Clear	8541401000THLC5138
C5G5404C	THLC5139	575	570	580	15	40	1.8	2.3	100	Y	Green Clear	8541401000THLC5139
C5Y2404C	THLC5140	590	585	595	30	90	1.8	2.3	100	Y	Yellow Clear	8541401000THLC5140
C5R1404C	THLC5141	605	600	610	40	120	1.8	2.3	100	Y	Orange Clear	8541401000THLC5141
C5R2404C	THLC5142	624	620	630	40	120	1.8	2.3	100	Y	Red Clear	8541401000THLC5142

Queendom Color 5mm Cylindrical LEDs & NOT flange 04C



SIZE: 5.00 × 6.8MM Sku: 8541401000THLC503

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

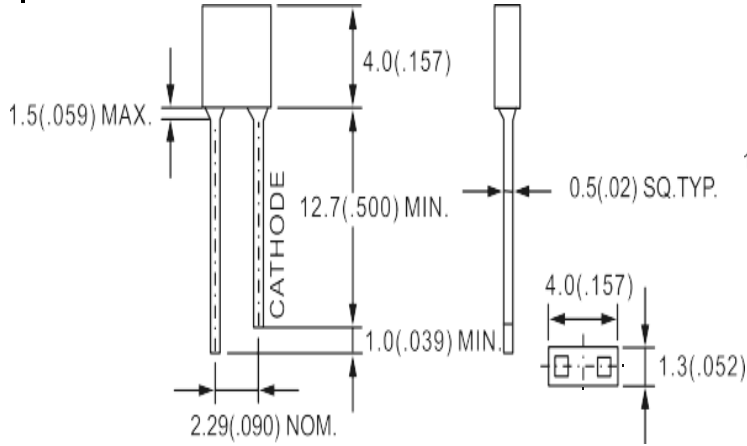
RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2			
C5B5304D	THLC5143	465	460	470	500	1060	2.8	3.2	100	N	Water Clear	8541401000THLC5143
C5G1304D	THLC5144	505	500	510	1060	3360	2.8	3.2	100	N	Water Clear	8541401000THLC5144
C5G2304D	THLC5145	530	520	530	1560	3360	2.8	3.2	100	N	Water Clear	8541401000THLC5145
C5G3304D	THLC5146	550	550	560	40	300	1.8	2.3	100	N	Water Clear	8541401000THLC5146
C5G4304D	THLC5147	575	570	580	15	60	1.8	2.3	100	N	Water Clear	8541401000THLC5147
C5Y2304D	THLC5148	590	585	595	90	160	1.8	2.3	100	N	Water Clear	8541401000THLC5148
C5R1304D	THLC5149	605	600	610	90	190	1.8	2.3	100	N	Water Clear	8541401000THLC5149
C5R2304D	THLC5150	624	620	630	90	190	1.8	2.3	100	N	Water Clear	8541401000THLC5150
C5B5204D	THLC5151	465	460	470	120	300	2.8	3.2	100	N	White Diffused	8541401000THLC5151
C5G1204D	THLC5152	505	500	510	500	1560	2.8	3.2	100	N	White Diffused	8541401000THLC5152
C5G2204D	THLC5153	530	520	530	500	1560	2.8	3.2	100	N	White Diffused	8541401000THLC5153
C5G4204D	THLC5154	550	550	560	20	60	1.8	2.3	100	N	White Diffused	8541401000THLC5154
C5G6204D	THLC5155	575	570	580	15	40	1.8	2.3	100	N	White Diffused	8541401000THLC5155
C5Y2204D	THLC5156	590	585	595	30	90	1.8	2.3	100	N	White Diffused	8541401000THLC5156
C5R1204D	THLC5157	605	600	610	40	120	1.8	2.3	100	N	White Diffused	8541401000THLC5157
C5R2204D	THLC5158	624	620	630	40	120	1.8	2.3	100	N	White Diffused	8541401000THLC5158
C5B5104D	THLC5159	465	460	470	300	780	2.8	3.2	100	N	Blue Diffused	8541401000THLC5159
C5G1104D	THLC5160	505	500	510	1060	3360	2.8	3.2	100	N	Green Diffused	8541401000THLC5160
C5G2104D	THLC5161	530	520	530	1560	5760	2.8	3.2	100	N	Green Diffused	8541401000THLC5161
C5G4104D	THLC5162	550	550	560	20	120	1.8	2.3	100	N	Green Diffused	8541401000THLC5162
C5G5104D	THLC5163	575	570	580	40	120	1.8	2.3	100	N	Green Diffused	8541401000THLC5163
C5Y2104D	THLC5164	590	585	595	90	190	1.8	2.3	100	N	Yellow Diffused	8541401000THLC5164
C5R1104D	THLC5165	605	600	610	120	300	1.8	2.3	100	N	Orange Diffused	8541401000THLC5165
C5R2104D	THLC5166	624	620	630	120	300	1.8	2.3	100	N	Red Diffused	8541401000THLC5166
C5B5404D	THLC5167	465	460	470	120	300	2.8	3.2	100	N	Blue Clear	8541401000THLC5167
C5G1404D	THLC5168	505	500	510	500	1560	2.8	3.2	100	N	Green Clear	8541401000THLC5168
C5G2404D	THLC5169	530	520	530	500	1560	2.8	3.2	100	N	Green Clear	8541401000THLC5169
C5G4404D	THLC5170	550	530	540	20	60	1.8	2.3	100	N	Green Clear	8541401000THLC5170
C5G5404D	THLC5171	575	570	580	15	40	1.8	2.3	100	N	Green Clear	8541401000THLC5171
C5Y2404D	THLC5172	590	585	595	30	90	1.8	2.3	100	N	Yellow Clear	8541401000THLC5172
C5R1404D	THLC5173	605	600	610	40	120	1.8	2.3	100	N	Orange Clear	8541401000THLC5173
C5R2404D	THLC5174	624	620	630	40	120	1.8	2.3	100	N	Red Clear	8541401000THLC5174

Queendom Through hole Rectangular LEDs

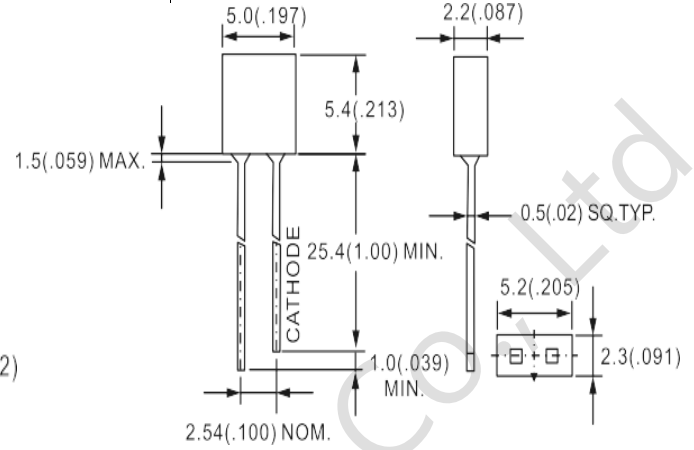
Queendom Rectangular LEDs



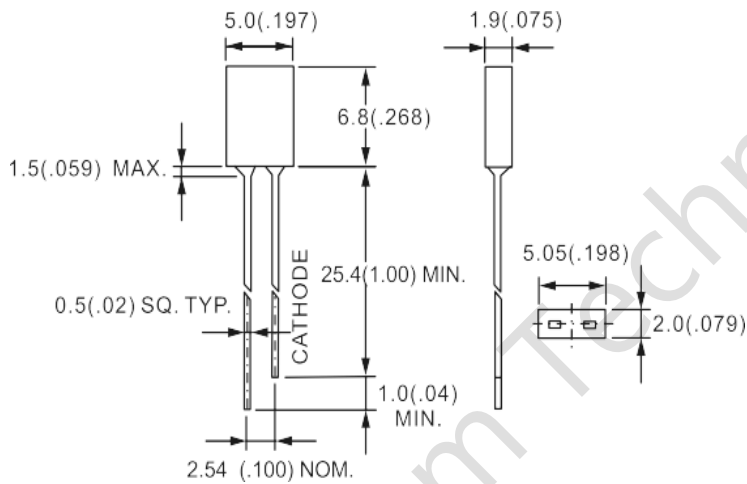
2 × 3 × 4mm



2 × 5 × 5mm



2 × 5 × 7mm



Queendom White 2 ×3×4mm Rectangular LEDs & NOT flange

SIZE: 2 ×3×4MM Sku: 8541401000THLC2301

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



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (V)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
R234WY302D	THLRE0141	2200K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLRE23051
R234WW302D	THLRE0142	2700K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLRE23052
R234WV302D	THLRE0143	3000K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLRE23053
R234WU302D	THLRE0144	3500K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLRE23054
R234WT302D	THLRE0145	4000K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLRE23055
R234WR302C	THLRE0146	5000K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLRE23056
R234WQ302D	THLRE0147	5700K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLRE23057
R234WP302D	THLRE0148	6500K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLRE23058
R234WD302D	THLRE0149	7600K	780	1560	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLRE23059
R234WC302D	THLRE0150	10500K	780	1560	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLRE23060
R234WY304D	THLRE0151	2200K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLRE23061
R234WW304D	THLRE0152	2700K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLRE23062
R234WV304D	THLRE0153	3000K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLRE23063
R234WU304D	THLRE0154	3500K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLRE23064
R234WT304D	THLRE0155	4000K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLRE23065
R234WR304D	THLRE0156	5000K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLRE23066
R234WQ304D	THLRE0157	5700K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLRE23067
R234WP304D	THLRE0158	6500K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLRE23068
R234WD304D	THLRE0159	7600K	780	1560	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLRE23069
R234WC304D	THLRE0160	10500K	780	1560	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLRE23070
R234WY202D	THLRE0161	2200K	500	1560	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23071
R234WW202D	THLRE0162	2700K	500	1560	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23072
R234WV202D	THLRE0163	3000K	500	1560	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23073
R234WU202D	THLRE0164	3500K	500	1560	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23074
R234WT202D	THLRE0165	4000K	500	1560	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23075
R234WR202D	THLRE0166	5000K	500	1560	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23076
R234WQ202D	THLRE0167	5700K	500	1560	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23077
R234WP202D	THLRE0168	6500K	500	1560	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23078
R234WD202D	THLRE0169	7600K	300	1060	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23079
R234WC202D	THLRE0170	10500K	300	1060	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23080
R234WY204D	THLRE0171	2200K	500	1560	2.8	3.4	120	20	N/A	18/16	White Diffused	8541401000THLRE23081
R234WW204D	THLRE0172	2700K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLRE23082
R234WV204D	THLRE0173	3000K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLRE23083
R234WU204D	THLRE0174	3500K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLRE23084
R234WT204D	THLRE0175	4000K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLRE23085
R234WR204D	THLRE0176	5000K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLRE23086
R234WQ204D	THLRE0177	5700K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLRE23087
R234WP204D	THLRE0178	6500K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLRE23088
R234WD204D	THLRE0179	7600K	300	1060	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLRE23089
R234WC204D	THLRE0180	10500K	300	1060	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLRE23090

Queendom Color 2 ×3×4mm Rectangular LEDs & NOT flange

SIZE: 2 ×3×4MM Sku: 8541401000THLC2301

Industry standard emitters are available in blue, green, yellow, red and direct red.Test at 20ma.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2			
R234B5304D	THLRE23123	465	460	470	500	1060	2.8	3.2	120	N	Water Clear	8541401000THLRE23123
R234G0304D	THLRE23124	505	500	510	1060	3360	2.8	3.2	120	N	Water Clear	8541401000THLRE23124
R234G2304D	THLRE23125	520	515	530	1560	3360	2.8	3.2	120	N	Water Clear	8541401000THLRE23125
R234G3304D	THLRE23126	550	550	560	40	300	1.8	2.3	120	N	Water Clear	8541401000THLRE23126
R234G4304D	THLRE23127	575	565	578	15	60	1.8	2.3	120	N	Water Clear	8541401000THLRE23127
R234Y2304D	THLRE23128	590	585	590	90	160	1.8	2.3	120	N	Water Clear	8541401000THLRE23128
R234A0304D	THLRE23129	605	600	610	90	190	1.8	2.3	120	N	Water Clear	8541401000THLRE23129
R234R2304D	THLRE23130	624	615	630	90	190	1.8	2.3	120	N	Water Clear	8541401000THLRE23130
R234B5204D	THLRE23131	465	460	470	120	300	2.8	3.2	120	N	White Diffused	8541401000THLRE23131
R234G0204D	THLRE23132	505	500	510	500	1560	2.8	3.2	120	N	White Diffused	8541401000THLRE23132
R234G2204D	THLRE23133	520	515	530	500	1560	2.8	3.2	120	N	White Diffused	8541401000THLRE23133
R234G4204D	THLRE23134	550	550	560	20	60	1.8	2.3	120	N	White Diffused	8541401000THLRE23134
R234G6204D	THLRE23135	575	565	578	15	40	1.8	2.3	120	N	White Diffused	8541401000THLRE23135
R234Y2204D	THLRE23136	590	585	590	30	90	1.8	2.3	120	N	White Diffused	8541401000THLRE23136
R234A0204D	THLRE23137	605	600	610	40	120	1.8	2.3	120	N	White Diffused	8541401000THLRE23137
R234R2204D	THLRE23138	624	615	630	40	120	1.8	2.3	120	N	White Diffused	8541401000THLRE23138
R234B5104D	THLRE23139	465	460	470	300	780	2.8	3.2	120	N	Blue Diffused	8541401000THLRE23139
R234G0104D	THLRE23140	505	500	510	1060	3360	2.8	3.2	120	N	Green Diffused	8541401000THLRE23140
R234G2104D	THLRE23141	520	515	530	1560	5760	2.8	3.2	120	N	Green Diffused	8541401000THLRE23141
R234G4104D	THLRE23142	550	550	560	20	120	1.8	2.3	120	N	Green Diffused	8541401000THLRE23142
R234G5104D	THLRE23143	575	565	578	40	120	1.8	2.3	120	N	Green Diffused	8541401000THLRE23143
R234Y2104D	THLRE23144	590	585	590	90	190	1.8	2.3	120	N	Yellow Diffused	8541401000THLRE23144
R234A0104D	THLRE23145	605	600	610	120	300	1.8	2.3	120	N	Orange Diffused	8541401000THLRE23145
R234R2104D	THLRE23146	624	615	630	120	300	1.8	2.3	120	N	Red Diffused	8541401000THLRE23146
R234B5404D	THLRE23147	465	460	470	120	300	2.8	3.2	120	N	Blue Clear	8541401000THLRE23147
R234G0404D	THLRE23148	505	500	510	500	1560	2.8	3.2	120	N	Green Clear	8541401000THLRE23148
R234G2404D	THLRE23149	520	515	530	500	1560	2.8	3.2	120	N	Green Clear	8541401000THLRE23149
R234G4404D	THLRE23150	550	550	560	20	60	1.8	2.3	120	N	Green Clear	8541401000THLRE23150
R234G5404D	THLRE23151	575	565	578	15	40	1.8	2.3	120	N	Green Clear	8541401000THLRE23151
2R234Y404D	THLRE23152	590	585	590	30	90	1.8	2.3	120	N	Yellow Clear	8541401000THLRE23152
R234A0404D	THLRE23153	605	600	610	40	120	1.8	2.3	120	N	Orange Clear	8541401000THLRE23153
R234R2404D	THLRE23154	624	615	630	40	120	1.8	2.3	120	N	Red Clear	8541401000THLRE23154

Queendom White 2×5×5mm Rectangular LEDs & NOT flange

SIZE: 2 ×5×5MM Sku: 8541401000THLC2502

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



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
R255WY302D	THLC25021	2200K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLC25021
R255WW302D	THLC25022	2700K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLC25022
R255WV302D	THLC25023	3000K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLC25023
R255WU302D	THLC25024	3500K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLC25024
R255WT302D	THLC25025	4000K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLC25025
R255WR302C	THLC25026	5000K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLC25026
R255WQ302D	THLC25027	5700K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLC25027
R255WP302D	THLC25028	6500K	1060	2460	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLC25028
R255WD302D	THLC25029	7600K	780	1560	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLC25029
R255WC302D	THLC25030	10500K	780	1560	2.8	3.4	120	20	N/A	18/16	Water Clear	8541401000THLC25030
R255WY304D	THLC25031	2200K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLC25031
R255WW304D	THLC25032	2700K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLC25032
R255WV304D	THLC25033	3000K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLC25033
R255WU304D	THLC25034	3500K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLC25034
R255WT304D	THLC25035	4000K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLC25035
R255WR304D	THLC25036	5000K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLC25036
R255WQ304D	THLC25037	5700K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLC25037
R255WP304D	THLC25038	6500K	1060	2460	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLC25038
R255WD304D	THLC25039	7600K	780	1560	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLC25039
R255WC304D	THLC25040	10500K	780	1560	2.8	3.4	120	20	N/A	28/26	Water Clear	8541401000THLC25040
R255WY202D	THLC25041	2200K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25041
R255WW202D	THLC25042	2700K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25042
R255WV202D	THLC25043	3000K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25043
R255WU202D	THLC25044	3500K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25044
R255WT202D	THLC25045	4000K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25045
R255WR202D	THLC25046	5000K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25046
R255WQ202D	THLC25047	5700K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25047
R255WP202D	THLC25048	6500K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25048
R255WD202D	THLC25049	7600K	300	1060	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25049
R255WC202D	THLC25050	10500K	300	1060	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25050
R255WY204D	THLC25051	2200K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25051
R255WW204D	THLC25052	2700K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25052
R255WV204D	THLC25053	3000K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25053
R255WU204D	THLC25054	3500K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25054
R255WT204D	THLC25055	4000K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25055
R255WR204D	THLC25056	5000K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25056
R255WQ204D	THLC25057	5700K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25057
R255WP204D	THLC25058	6500K	500	1560	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25058
R255WD204D	THLC25059	7600K	300	1060	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25059
R255WC204D	THLC25060	10500K	300	1060	2.8	3.4	120	20	N/A	28/26	White Diffused	8541401000THLC25060

Queendom Color 2×5×5mm Rectangular LEDs & NOT flange

SIZE: 2 ×5×5MM Sku: 8541401000THLC2502

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

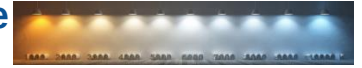


RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2			
R255B5304D	THLC25061	465	460	470	500	1060	2.8	3.2	120	N	Water Clear	8541401000THLC25061
R255G0304D	THLC25062	505	500	510	1060	3360	2.8	3.2	120	N	Water Clear	8541401000THLC25062
R255G2304D	THLC25063	520	515	530	1560	3360	2.8	3.2	120	N	Water Clear	8541401000THLC25063
R255G3304D	THLC25064	550	550	560	40	300	1.8	2.3	120	N	Water Clear	8541401000THLC25064
R255G4304D	THLC25065	575	565	578	15	60	1.8	2.3	120	N	Water Clear	8541401000THLC25065
R255Y2304D	THLC25066	590	585	590	90	160	1.8	2.3	120	N	Water Clear	8541401000THLC25066
R255A0304D	THLC25067	605	600	610	90	190	1.8	2.3	120	N	Water Clear	8541401000THLC25067
R255R2304D	THLC25068	624	615	630	90	190	1.8	2.3	120	N	Water Clear	8541401000THLC25068
R255B5204D	THLC25069	465	460	470	120	300	2.8	3.2	120	N	White Diffused	8541401000THLC25069
R255G1204D	THLC25070	505	500	510	500	1560	2.8	3.2	120	N	White Diffused	8541401000THLC25070
R255G2204D	THLC25071	520	515	530	500	1560	2.8	3.2	120	N	White Diffused	8541401000THLC25071
R255G4204D	THLC25072	550	550	560	20	60	1.8	2.3	120	N	White Diffused	8541401000THLC25072
R255G6204D	THLC25073	575	565	578	15	40	1.8	2.3	120	N	White Diffused	8541401000THLC25073
R255Y2204D	THLC25074	590	585	590	30	90	1.8	2.3	120	N	White Diffused	8541401000THLC25074
R255A0204D	THLC25075	605	600	610	40	120	1.8	2.3	120	N	White Diffused	8541401000THLC25075
R255R2204D	THLC25076	624	615	630	40	120	1.8	2.3	120	N	White Diffused	8541401000THLC25076
R255B5104D	THLC25077	465	460	470	300	780	2.8	3.2	120	N	Blue Diffused	8541401000THLC25077
R255G1104D	THLC25078	505	500	510	1060	3360	2.8	3.2	120	N	Green Diffused	8541401000THLC25078
R255G2104D	THLC25079	520	515	530	1560	5760	2.8	3.2	120	N	Green Diffused	8541401000THLC25079
R255G4104D	THLC25080	550	550	560	20	120	1.8	2.3	120	N	Green Diffused	8541401000THLC25080
R255G5104D	THLC25081	575	565	578	40	120	1.8	2.3	120	N	Green Diffused	8541401000THLC25081
R255Y2104D	THLC25082	590	585	590	90	190	1.8	2.3	120	N	Yellow Diffused	8541401000THLC25082
R255A0104D	THLC25083	605	600	610	120	300	1.8	2.3	120	N	Orange Diffused	8541401000THLC25083
R255R2104D	THLC25084	624	615	630	120	300	1.8	2.3	120	N	Red Diffused	8541401000THLC25084

Queendom White 2x5x7mm Rectangular LEDs & WIHT flange

SIZE: 2x5x7MM Sku: 8541401000THLC2503

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



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (V)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
R257WY302C	THLRE25031	2200K	1060	2460	2.8	3.4	120	20	Y	18/16	Water Clear	8541401000THLRE25031
R257WW302C	THLRE25032	2700K	1060	2460	2.8	3.4	120	20	Y	18/16	Water Clear	8541401000THLRE25032
R257WV302C	THLRE25033	3000K	1060	2460	2.8	3.4	120	20	Y	18/16	Water Clear	8541401000THLRE25033
R257WU302C	THLRE25034	3500K	1060	2460	2.8	3.4	120	20	Y	18/16	Water Clear	8541401000THLRE25034
R257WT302C	THLRE25035	4000K	1060	2460	2.8	3.4	120	20	Y	18/16	Water Clear	8541401000THLRE25035
R257WR302C	THLRE25036	5000K	1060	2460	2.8	3.4	120	20	Y	18/16	Water Clear	8541401000THLRE25036
R257WQ302C	THLRE25037	5700K	1060	2460	2.8	3.4	120	20	Y	18/16	Water Clear	8541401000THLRE25037
R257WP302C	THLRE25038	6500K	1060	2460	2.8	3.4	120	20	Y	18/16	Water Clear	8541401000THLRE25038
R257WD302C	THLRE25039	7600K	780	1560	2.8	3.4	120	20	Y	18/16	Water Clear	8541401000THLRE25039
R257WC302C	THLRE25040	10500K	780	1560	2.8	3.4	120	20	Y	18/16	Water Clear	8541401000THLRE25040
R257WY304C	THLRE25041	2200K	1060	2460	2.8	3.4	120	20	Y	28/26	Water Clear	8541401000THLRE25041
R257WW304C	THLRE25042	2700K	1060	2460	2.8	3.4	120	20	Y	28/26	Water Clear	8541401000THLRE25042
R257WV304C	THLRE25043	3000K	1060	2460	2.8	3.4	120	20	Y	28/26	Water Clear	8541401000THLRE25043
R257WU304C	THLRE25044	3500K	1060	2460	2.8	3.4	120	20	Y	28/26	Water Clear	8541401000THLRE25044
R257WT304C	THLRE25045	4000K	1060	2460	2.8	3.4	120	20	Y	28/26	Water Clear	8541401000THLRE25045
R257WR304C	THLRE25046	5000K	1060	2460	2.8	3.4	120	20	Y	28/26	Water Clear	8541401000THLRE25046
R257WQ304C	THLRE25047	5700K	1060	2460	2.8	3.4	120	20	Y	28/26	Water Clear	8541401000THLRE25047
R257WP304C	THLRE25048	6500K	1060	2460	2.8	3.4	120	20	Y	28/26	Water Clear	8541401000THLRE25048
R257WD304C	THLRE25049	7600K	780	1560	2.8	3.4	120	20	Y	28/26	Water Clear	8541401000THLRE25049
R257WC304C	THLRE25050	10500K	780	1560	2.8	3.4	120	20	Y	28/26	Water Clear	8541401000THLRE25050
R257WY202C	THLRE25051	2200K	500	1560	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25051
R257WW202C	THLRE25052	2700K	500	1560	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25052
R257WV202C	THLRE25053	3000K	500	1560	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25053
R257WU202C	THLRE25054	3500K	500	1560	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25054
R257WT202C	THLRE25055	4000K	500	1560	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25055
R257WR202C	THLRE25056	5000K	500	1560	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25056
R257WQ202C	THLRE25057	5700K	500	1560	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25057
R257WP202C	THLRE25058	6500K	500	1560	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25058
R257WD202C	THLRE25059	7600K	300	1060	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25059
R257WC202C	THLRE25060	10500K	300	1060	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25060
R257WY204C	THLRE25061	2200K	500	1560	2.8	3.4	120	20	Y	18/16	White Diffused	8541401000THLRE25061
R257WW204C	THLRE25062	2700K	500	1560	2.8	3.4	120	20	Y	28/26	White Diffused	8541401000THLRE25062
R257WV204C	THLRE25063	3000K	500	1560	2.8	3.4	120	20	Y	28/26	White Diffused	8541401000THLRE25063
R257WU204C	THLRE25064	3500K	500	1560	2.8	3.4	120	20	Y	28/26	White Diffused	8541401000THLRE25064
R257WT204C	THLRE25065	4000K	500	1560	2.8	3.4	120	20	Y	28/26	White Diffused	8541401000THLRE25065
R257WR204C	THLRE25066	5000K	500	1560	2.8	3.4	120	20	Y	28/26	White Diffused	8541401000THLRE25066
R257WQ204C	THLRE25067	5700K	500	1560	2.8	3.4	120	20	Y	28/26	White Diffused	8541401000THLRE25067
R257WP204C	THLRE25068	6500K	500	1560	2.8	3.4	120	20	Y	28/26	White Diffused	8541401000THLRE25068
R257WD204C	THLRE25069	7600K	300	1060	2.8	3.4	120	20	Y	28/26	White Diffused	8541401000THLRE25069
R257WC204C	THLRE25070	10500K	300	1060	2.8	3.4	120	20	Y	28/26	White Diffused	8541401000THLRE25070

Queendom White 2x5x7mm Rectangular LEDs & NOT flange

SIZE: 2x5x7MM Sku: 8541401000THLC2503

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



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (Vf)		DEG 2θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
R257WY302D	THLRE25071	2200K	1060	2460	2.8	3.4	120	20	N	18/16	Water Clear	8541401000THLRE25071
R257WW302D	THLRE25072	2700K	1060	2460	2.8	3.4	120	20	N	18/16	Water Clear	8541401000THLRE25072
R257WV302D	THLRE25073	3000K	1060	2460	2.8	3.4	120	20	N	18/16	Water Clear	8541401000THLRE25073
R257WU302D	THLRE25074	3500K	1060	2460	2.8	3.4	120	20	N	18/16	Water Clear	8541401000THLRE25074
R257WT302D	THLRE25075	4000K	1060	2460	2.8	3.4	120	20	N	18/16	Water Clear	8541401000THLRE25075
R257WR302D	THLRE25076	5000K	1060	2460	2.8	3.4	120	20	N	18/16	Water Clear	8541401000THLRE25076
R257WQ302D	THLRE25077	5700K	1060	2460	2.8	3.4	120	20	N	18/16	Water Clear	8541401000THLRE25077
R257WP302D	THLRE25078	6500K	1060	2460	2.8	3.4	120	20	N	18/16	Water Clear	8541401000THLRE25078
R257WD302D	THLRE25079	7600K	780	1560	2.8	3.4	120	20	N	18/16	Water Clear	8541401000THLRE25079
R257WC302D	THLRE25080	10500K	780	1560	2.8	3.4	120	20	N	18/16	Water Clear	8541401000THLRE25080
R257WY304D	THLRE25081	2200K	1060	2460	2.8	3.4	120	20	N	28/26	Water Clear	8541401000THLRE25081
R257WW304D	THLRE25082	2700K	1060	2460	2.8	3.4	120	20	N	28/26	Water Clear	8541401000THLRE25082
R257WV304D	THLRE25083	3000K	1060	2460	2.8	3.4	120	20	N	28/26	Water Clear	8541401000THLRE25083
R257WU304D	THLRE25084	3500K	1060	2460	2.8	3.4	120	20	N	28/26	Water Clear	8541401000THLRE25084
R257WT304D	THLRE25085	4000K	1060	2460	2.8	3.4	120	20	N	28/26	Water Clear	8541401000THLRE25085
R257WR304D	THLRE25086	5000K	1060	2460	2.8	3.4	120	20	N	28/26	Water Clear	8541401000THLRE25086
R257WQ304D	THLRE25087	5700K	1060	2460	2.8	3.4	120	20	N	28/26	Water Clear	8541401000THLRE25087
R257WP304D	THLRE25088	6500K	1060	2460	2.8	3.4	120	20	N	28/26	Water Clear	8541401000THLRE25088
R257WD304D	THLRE25089	7600K	780	1560	2.8	3.4	120	20	N	28/26	Water Clear	8541401000THLRE25089
R257WC304D	THLRE25090	10500K	780	1560	2.8	3.4	120	20	N	28/26	Water Clear	8541401000THLRE25090
R257WY202D	THLRE25091	2200K	500	1560	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25091
R257WW202D	THLRE25092	2700K	500	1560	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25092
R257WV202D	THLRE25093	3000K	500	1560	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25093
R257WU202D	THLRE25094	3500K	500	1560	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25094
R257WT202D	THLRE25095	4000K	500	1560	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25095
R257WR202D	THLRE25096	5000K	500	1560	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25096
R257WQ202D	THLRE25097	5700K	500	1560	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25097
R257WP202D	THLRE25098	6500K	500	1560	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25098
R257WD202D	THLRE25099	7600K	300	1060	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25099
R257WC202D	THLRE25100	10500K	300	1060	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25100
R257WY204D	THLRE25101	2200K	500	1560	2.8	3.4	120	20	N	18/16	White Diffused	8541401000THLRE25101
R257WW204D	THLRE25102	2700K	500	1560	2.8	3.4	120	20	N	28/26	White Diffused	8541401000THLRE25102
R257WV204D	THLRE25103	3000K	500	1560	2.8	3.4	120	20	N	28/26	White Diffused	8541401000THLRE25103
R257WU204D	THLRE25104	3500K	500	1560	2.8	3.4	120	20	N	28/26	White Diffused	8541401000THLRE25104
R257WT204D	THLRE25105	4000K	500	1560	2.8	3.4	120	20	N	28/26	White Diffused	8541401000THLRE25105
R257WR204D	THLRE25106	5000K	500	1560	2.8	3.4	120	20	N	28/26	White Diffused	8541401000THLRE25106
R257WQ204D	THLRE25107	5700K	500	1560	2.8	3.4	120	20	N	28/26	White Diffused	8541401000THLRE25107
R257WP204D	THLRE25108	6500K	500	1560	2.8	3.4	120	20	N	28/26	White Diffused	8541401000THLRE25108
R257WD204D	THLRE25109	7600K	300	1060	2.8	3.4	120	20	N	28/26	White Diffused	8541401000THLRE25109
R257WC204D	THLRE25110	10500K	300	1060	2.8	3.4	120	20	N	28/26	White Diffused	8541401000THLRE25110

Queendom Color 2×5×7mm Rectangular LEDs & WITH flange

SIZE: 2 ×5×7MM Sku: 8541401000THLC2503

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2			
R257B5304C	THLRE25111	465	460	470	500	1060	2.8	3.2	120	Y	Water Clear	8541401000THLRE25111
R257G0304C	THLRE25112	505	500	510	1060	3360	2.8	3.2	120	Y	Water Clear	8541401000THLRE25112
R257G2304C	THLRE25113	520	515	530	1560	3360	2.8	3.2	120	Y	Water Clear	8541401000THLRE25113
R257G3304C	THLRE25114	550	550	560	40	300	1.8	2.3	120	Y	Water Clear	8541401000THLRE25114
R257G4304C	THLRE25115	575	565	578	15	60	1.8	2.3	120	Y	Water Clear	8541401000THLRE25115
R257Y2304C	THLRE25116	590	585	590	90	160	1.8	2.3	120	Y	Water Clear	8541401000THLRE25116
R257A0304C	THLRE25117	605	600	610	90	190	1.8	2.3	120	Y	Water Clear	8541401000THLRE25117
R257R2304C	THLRE25118	624	615	630	90	190	1.8	2.3	120	Y	Water Clear	8541401000THLRE25118
R257B5204C	THLRE25119	465	460	470	120	300	2.8	3.2	120	Y	White Diffused	8541401000THLRE25119
R257G0204C	THLRE25120	505	500	510	500	1560	2.8	3.2	120	Y	White Diffused	8541401000THLRE25120
R257G2204C	THLRE25121	520	515	530	500	1560	2.8	3.2	120	Y	White Diffused	8541401000THLRE25121
R257G4204C	THLRE25122	550	550	560	20	60	1.8	2.3	120	Y	White Diffused	8541401000THLRE25122
R257G6204C	THLRE25123	575	565	578	15	40	1.8	2.3	120	Y	White Diffused	8541401000THLRE25123
R257Y2204C	THLRE25124	590	585	590	30	90	1.8	2.3	120	Y	White Diffused	8541401000THLRE25124
R257R2204C	THLRE25125	605	600	610	40	120	1.8	2.3	120	Y	White Diffused	8541401000THLRE25125
R257R2204C	THLRE25126	624	615	630	40	120	1.8	2.3	120	Y	White Diffused	8541401000THLRE25126
R257B5104C	THLRE25127	465	460	470	300	780	2.8	3.2	120	Y	Blue Diffused	8541401000THLRE25127
R257G0104C	THLRE25128	505	500	510	1060	3360	2.8	3.2	120	Y	Green Diffused	8541401000THLRE25128
R257G2104C	THLRE25129	520	515	530	1560	5760	2.8	3.2	120	Y	Green Diffused	8541401000THLRE25129
R257G4104C	THLRE25130	550	550	560	20	120	1.8	2.3	120	Y	Green Diffused	8541401000THLRE25130
R257G5104C	THLRE25131	575	565	578	40	120	1.8	2.3	120	Y	Green Diffused	8541401000THLRE25131
R257Y2104C	THLRE25132	590	585	590	90	190	1.8	2.3	120	Y	Yellow Diffused	8541401000THLRE25132
R257A0104C	THLRE25133	605	600	610	120	300	1.8	2.3	120	Y	Orange Diffused	8541401000THLRE25133
R257R2104C	THLRE25134	624	615	630	120	300	1.8	2.3	120	Y	Red Diffused	8541401000THLRE25134
R257B4504C	THLRE25135	465	460	470	120	300	2.8	3.2	120	Y	Blue Clear	8541401000THLRE25135
R257G0404C	THLRE25136	505	500	510	500	1560	2.8	3.2	120	Y	Green Clear	8541401000THLRE25136
R257G2404C	THLRE25137	520	515	530	500	1560	2.8	3.2	120	Y	Green Clear	8541401000THLRE25137
R257G4404C	THLRE25138	550	550	560	20	60	1.8	2.3	120	Y	Green Clear	8541401000THLRE25138
R257G5404C	THLRE25139	575	565	578	15	40	1.8	2.3	120	Y	Green Clear	8541401000THLRE25139
R257Y2404C	THLRE25140	590	585	590	30	90	1.8	2.3	120	Y	Yellow Clear	8541401000THLRE25140
R257A0404C	THLRE25141	605	600	610	40	120	1.8	2.3	120	Y	Orange Clear	8541401000THLRE25141
R257R2404C	THLRE25142	624	615	630	40	120	1.8	2.3	120	Y	Red Clear	8541401000THLRE25142

Queendom Color 2×5×7mm Rectangular LEDs & NOT flange

SIZE: 2 ×5×7MM Sku: 8541401000THLC2503

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

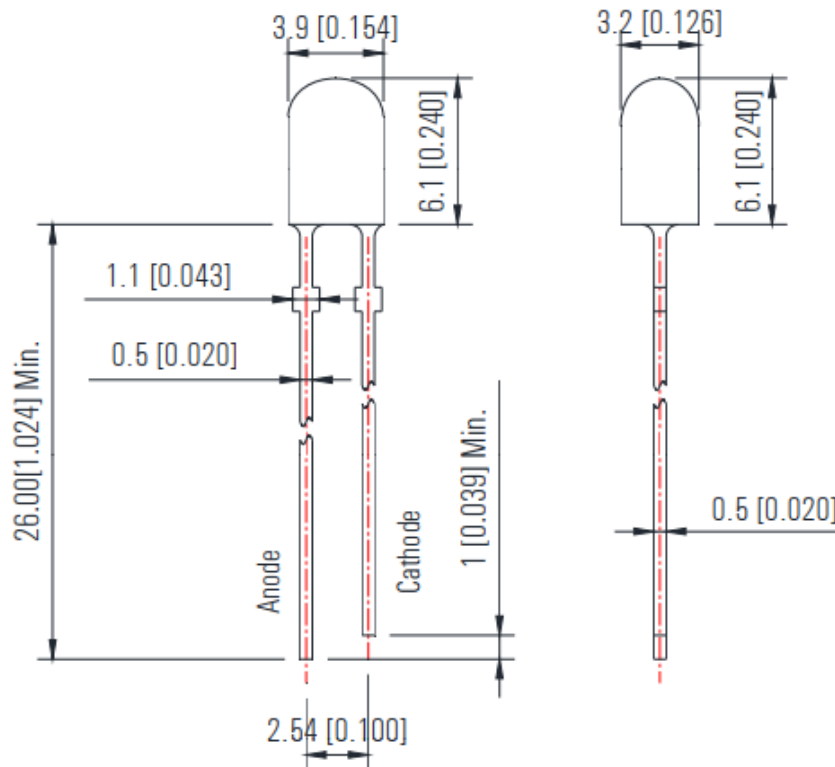


RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	FLANGE	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2			
R257B5304D	THLRE25143	465	460	470	500	1060	2.8	3.2	120	N/A	Water Clear	8541401000THLRE25143
R257G0304D	THLRE25144	505	500	510	1060	3360	2.8	3.2	120	N/A	Water Clear	8541401000THLRE25144
R257G2304D	THLRE25145	520	515	530	1560	3360	2.8	3.2	120	N/A	Water Clear	8541401000THLRE25145
R257G3304D	THLRE25146	550	550	560	40	300	1.8	2.3	120	N/A	Water Clear	8541401000THLRE25146
R257G4304D	THLRE25147	575	565	578	15	60	1.8	2.3	120	N/A	Water Clear	8541401000THLRE25147
R257Y2304D	THLRE25148	590	585	590	90	160	1.8	2.3	120	N/A	Water Clear	8541401000THLRE25148
R257A0304D	THLRE25149	605	600	610	90	190	1.8	2.3	120	N/A	Water Clear	8541401000THLRE25149
R257R2304D	THLRE25150	624	615	630	90	190	1.8	2.3	120	N/A	Water Clear	8541401000THLRE25150
R257B5204D	THLRE25151	465	460	470	120	300	2.8	3.2	120	N/A	White Diffused	8541401000THLRE25151
R257G0204D	THLRE25152	505	500	510	500	1560	2.8	3.2	120	N/A	White Diffused	8541401000THLRE25152
R257G2204D	THLRE25153	520	515	530	500	1560	2.8	3.2	120	N/A	White Diffused	8541401000THLRE25153
R257G4204D	THLRE25154	550	550	560	20	60	1.8	2.3	120	N/A	White Diffused	8541401000THLRE25154
R257G6204D	THLRE25155	575	565	578	15	40	1.8	2.3	120	N/A	White Diffused	8541401000THLRE25155
R257Y2204D	THLRE25156	590	585	590	30	90	1.8	2.3	120	N/A	White Diffused	8541401000THLRE25156
R257R204D	THLRE25157	605	600	610	40	120	1.8	2.3	120	N/A	White Diffused	8541401000THLRE25157
R257R2204D	THLRE25158	624	615	630	40	120	1.8	2.3	120	N/A	White Diffused	8541401000THLRE25158
R257B5104D	THLRE25159	465	460	470	300	780	2.8	3.2	120	N/A	Blue Diffused	8541401000THLRE25159
R257G0104D	THLRE25160	505	500	510	1060	3360	2.8	3.2	120	N/A	Green Diffused	8541401000THLRE25160
R257G2104D	THLRE25161	520	515	530	1560	5760	2.8	3.2	120	N/A	Green Diffused	8541401000THLRE25161
R257G4104D	THLRE25162	550	550	560	20	120	1.8	2.3	120	N/A	Green Diffused	8541401000THLRE25162
R257G5104D	THLRE25163	575	565	578	40	120	1.8	2.3	120	N/A	Green Diffused	8541401000THLRE25163
R257Y2104D	THLRE25164	590	585	590	90	190	1.8	2.3	120	N/A	Yellow Diffused	8541401000THLRE25164
R257A0104D	THLRE25165	605	600	610	120	300	1.8	2.3	120	N/A	Orange Diffused	8541401000THLRE25165
R257R2104D	THLRE25166	624	615	630	120	300	1.8	2.3	120	N/A	Red Diffused	8541401000THLRE25166
R257B5404D	THLRE25167	465	460	470	120	300	2.8	3.2	120	N/A	Blue Clear	8541401000THLRE25167
R257G0404D	THLRE25168	505	500	510	500	1560	2.8	3.2	120	N/A	Green Clear	8541401000THLRE25168
R257G2404D	THLRE25169	520	515	530	500	1560	2.8	3.2	120	N/A	Green Clear	8541401000THLRE25169
R257G4404D	THLRE25170	550	550	560	20	60	1.8	2.3	120	N/A	Green Clear	8541401000THLRE25170
R257G5404D	THLRE25171	575	565	578	15	40	1.8	2.3	120	N/A	Green Clear	8541401000THLRE25171
R257Y2404D	THLRE25172	590	585	590	30	90	1.8	2.3	120	N/A	Yellow Clear	8541401000THLRE25172
R257A0404D	THLRE25173	605	600	610	40	120	1.8	2.3	120	N/A	Orange Clear	8541401000THLRE25173
R257R2404D	THLRE25174	624	615	630	40	120	1.8	2.3	120	N/A	Red Clear	8541401000THLRE25174

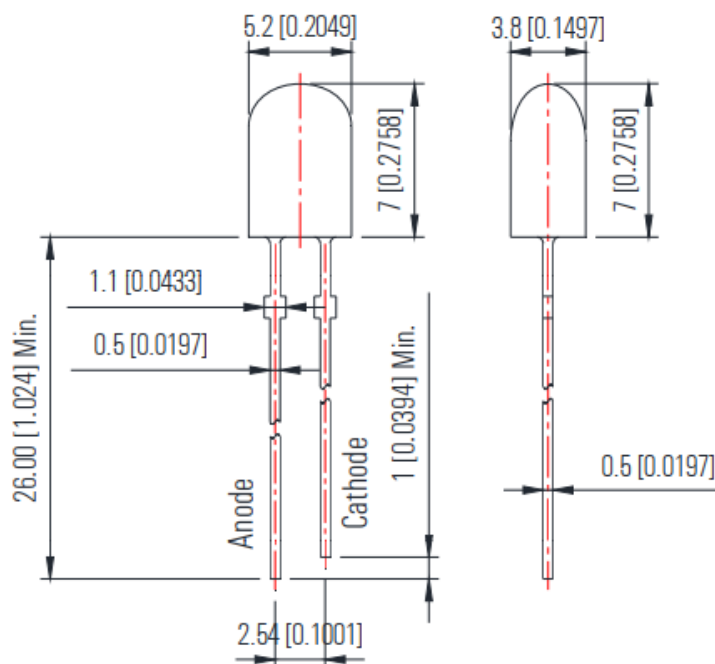
Queendom Through hole LEDs

Queendom Oval LEDs

3.9×3.2×6.1 mm Oval LEDs



5.2×3.8mm×7.0 mm Oval LEDs



Queendom White 346 Oval LEDs

SIZE: 3.9×3.2×6.1 MM Sku: 8541401000THLO1

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



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
W346WV302D	THLO101	3000K	2460	5760	2.8	3.4	110/40	20	N/A	18/16	Water Clear	8541401000THLO101
W346WR302D	THLO102	5000K	2460	5760	2.8	3.4	110/40	20	N/A	18/16	Water Clear	8541401000THLO102
W346WP302D	THLO103	6500K	2460	5760	2.8	3.4	110/40	20	N/A	18/16	Water Clear	8541401000THLO103
W346WD302D	THLO104	7600K	2460	5760	2.8	3.4	110/40	20	N/A	18/16	Water Clear	8541401000THLO104
W346WC302D	THLO105	10500K	2460	5760	2.8	3.4	110/40	20	N/A	18/16	Water Clear	8541401000THLO105
W346WV304D	THLO106	3000K	2460	5760	2.8	3.4	110/40	20	N/A	28/26	Water Clear	8541401000THLO106
W346WR304D	THLO107	5000K	2460	5760	2.8	3.4	110/40	20	N/A	28/26	Water Clear	8541401000THLO107
W346WP304D	THLO108	6500K	2460	5760	2.8	3.4	110/40	20	N/A	28/26	Water Clear	8541401000THLO108
W346WD304D	THLO109	7600K	2460	5760	2.8	3.4	110/40	20	N/A	28/26	Water Clear	8541401000THLO109
W346WC304D	THLO110	10500K	2460	5760	2.8	3.4	110/40	20	N/A	28/26	Water Clear	8541401000THLO110
W346WV202D	THLO111	3000K	1560	3360	2.8	3.4	110/40	20	N/A	18/16	White Diffused	8541401000THLO111
W346WR202D	THLO112	5000K	1560	3360	2.8	3.4	110/40	20	N/A	18/16	White Diffused	8541401000THLO112
W346WP202D	THLO113	6500K	1560	3360	2.8	3.4	110/40	20	N/A	18/16	White Diffused	8541401000THLO113
W346WD202D	THLO114	7600K	1560	3360	2.8	3.4	110/40	20	N/A	18/16	White Diffused	8541401000THLO114
W346WC202D	THLO115	10500K	1560	3360	2.8	3.4	110/40	20	N/A	18/16	White Diffused	8541401000THLO115
W346WV204D	THLO116	3000K	1560	3360	2.8	3.4	110/40	20	N/A	28/26	White Diffused	8541401000THLO116
W346WR204D	THLO117	5000K	1560	3360	2.8	3.4	110/40	20	N/A	28/26	White Diffused	8541401000THLO117
W346WP204D	THLO118	6500K	1560	3360	2.8	3.4	110/40	20	N/A	28/26	White Diffused	8541401000THLO118
W346WD204D	THLO119	7600K	1560	3360	2.8	3.4	110/40	20	N/A	28/26	White Diffused	8541401000THLO119
W346WC204D	THLO120	10500K	1560	3360	2.8	3.4	110/40	20	N/A	28/26	White Diffused	8541401000THLO120

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Queendom White 546 Oval LEDs

SIZE: 5.2×3.8×6.1 MM Sku: 8541401000THLO2

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



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
W546WV302D	THLO201	3000K	2.8	3.4	2460	5760	70 ↑	90	110/40	18/16	Water Clear	8541401000THLO201
W546WR302D	THLO202	5000K	2.8	3.4	2460	5760	70 ↑	90	110/40	18/16	Water Clear	8541401000THLO202
W546WP302D	THLO203	6500K	2.8	3.4	2460	5760	70 ↑	90	110/40	18/16	Water Clear	8541401000THLO203
W546WD302D	THLO204	7600K	2.8	3.4	2460	5760	70 ↑	90	110/40	18/16	Water Clear	8541401000THLO204
W546WC302D	THLO205	10500K	2.8	3.4	2460	5760	70 ↑	90	110/40	18/16	Water Clear	8541401000THLO205
W546WV304D	THLO206	3000K	2.8	3.4	2460	5760	70 ↑	90	110/40	28/26	Water Clear	8541401000THLO206
W546WR304D	THLO207	5000K	2.8	3.4	2460	5760	70 ↑	90	110/40	28/26	Water Clear	8541401000THLO207
W546WP304D	THLO208	6500K	2.8	3.4	2460	5760	70 ↑	90	110/40	28/26	Water Clear	8541401000THLO208
W546WD304D	THLO209	7600K	2.8	3.4	2460	5760	70 ↑	90	110/40	28/26	Water Clear	8541401000THLO209
W546WC304D	THLO210	10500K	2.8	3.4	2460	5760	70 ↑	90	110/40	28/26	Water Clear	8541401000THLO210
W546WV202D	THLO211	3000K	2.8	3.4	1560	3360	70 ↑	90	110/40	18/16	White Diffused	8541401000THLO211
W546WR202D	THLO212	5000K	2.8	3.4	1560	3360	70 ↑	90	110/40	18/16	White Diffused	8541401000THLO212
W546WP202D	THLO213	6500K	2.8	3.4	1560	3360	70 ↑	90	110/40	18/16	White Diffused	8541401000THLO213
W546WD202D	THLO214	7600K	2.8	3.4	1560	3360	70 ↑	90	110/40	18/16	White Diffused	8541401000THLO214
W546WC202D	THLO215	10500K	2.8	3.4	1560	3360	70 ↑	90	110/40	18/16	White Diffused	8541401000THLO215
W546WV204D	THLO216	3000K	2.8	3.4	1560	3360	70 ↑	90	110/40	28/26	White Diffused	8541401000THLO216
W546WR204D	THLO217	5000K	2.8	3.4	1560	3360	70 ↑	90	110/40	28/26	White Diffused	8541401000THLO217
W546WP204D	THLO218	6500K	2.8	3.4	1560	3360	70 ↑	90	110/40	28/26	White Diffused	8541401000THLO218
W546WD204D	THLO219	7600K	2.8	3.4	1560	3360	70 ↑	90	110/40	28/26	White Diffused	8541401000THLO219
W546WC204D	THLO220	10500K	2.8	3.4	1560	3360	70 ↑	90	110/40	28/26	White Diffused	8541401000THLO220

Queendom Color 346 Oval LEDs

SIZE: 3.9×3.2×6.1 MM Sku: 8541401000THLO1

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(MM)		
W346B5302D	THLO121	465	460	470	500	1060	2.8	3.2	110/40	18/16	Water Clear	8541401000THLO121
W346G0302D	THLO122	505	500	510	2460	5760	2.8	3.2	110/40	18/16	Water Clear	8541401000THLO122
W346G2302D	THLO123	520	515	530	2460	5760	2.8	3.2	110/40	18/16	Water Clear	8541401000THLO123
W346Y2302D	THLO124	590	585	590	1060	2460	1.8	2.3	110/40	18/16	Water Clear	8541401000THLO124
W346R2302D	THLO125	624	615	630	1060	2460	1.8	2.3	110/40	18/16	Water Clear	8541401000THLO125
W346B5202D	THLO126	465	460	470	300	780	2.8	3.2	110/40	18/16	White Diffused	8541401000THLO126
W346G0202D	THLO127	505	500	510	1060	3360	2.8	3.2	110/40	18/16	White Diffused	8541401000THLO127
W346G2202D	THLO128	520	515	530	1560	3360	2.8	3.2	110/40	18/16	White Diffused	8541401000THLO128
W346Y2202D	THLO129	590	585	590	780	1560	1.8	2.3	110/40	18/16	White Diffused	8541401000THLO129
W346R2202D	THLO130	624	615	630	780	1560	1.8	2.3	110/40	18/16	White Diffused	8541401000THLO130
W346B5102D	THLO131	465	460	470	300	780	2.8	3.2	110/40	18/16	Blue Diffused	8541401000THLO131
W346G0102D	THLO132	505	500	510	1060	3360	2.8	3.2	110/40	18/16	Green Diffused	8541401000THLO132
W346G2102D	THLO133	520	515	530	1560	3360	2.8	3.2	110/40	18/16	Green Diffused	8541401000THLO133
W346Y2102D	THLO134	590	585	590	780	1560	1.8	2.3	110/40	18/16	Yellow Diffused	8541401000THLO134
W346R2102D	THLO135	624	615	630	780	1560	1.8	2.3	110/40	18/16	Red Diffused	8541401000THLO135
W346B5402D	THLO136	465	460	470	120	300	2.8	3.2	110/40	18/16	Blue Clear	8541401000THLO136
W346G0402D	THLO137	505	500	510	2460	5760	2.8	3.2	110/40	18/16	Green Clear	8541401000THLO137
W346G2402D	THLO138	520	515	530	2460	5760	2.8	3.2	110/40	18/16	Green Clear	8541401000THLO138
W346Y2402D	THLO139	590	585	590	1060	2460	1.8	2.3	110/40	18/16	Yellow Clear	8541401000THLO139
W346R2402D	THLO140	624	615	630	1060	2460	1.8	2.3	110/40	18/16	Red Clear	8541401000THLO140
W346B5304D	THLO141	465	460	470	500	1060	2.8	3.2	110/40	28/26	Water Clear	8541401000THLO141
W346G0304D	THLO142	505	500	510	1060	3360	2.8	3.2	110/40	28/26	Water Clear	8541401000THLO142
W346G2304D	THLO143	520	515	530	1560	3360	2.8	3.2	110/40	28/26	Water Clear	8541401000THLO143
W346Y2304D	THLO144	590	585	590	1060	2460	1.8	2.3	110/40	28/26	Water Clear	8541401000THLO144
W346R2304D	THLO145	624	615	630	1060	2460	1.8	2.3	110/40	28/26	Water Clear	8541401000THLO145
W346B5204D	THLO146	465	460	470	300	780	2.8	3.2	110/40	28/26	White Diffused	8541401000THLO146
W346G0204D	THLO147	505	500	510	1060	3360	2.8	3.2	110/40	28/26	White Diffused	8541401000THLO147
W346G2204D	THLO148	520	515	530	1560	3360	2.8	3.2	110/40	28/26	White Diffused	8541401000THLO148
W346Y2204D	THLO149	590	585	590	780	1560	1.8	2.3	110/40	28/26	White Diffused	8541401000THLO149
W346R2204D	THLO150	624	615	630	780	1560	1.8	2.3	110/40	28/26	White Diffused	8541401000THLO150
W346B5104D	THLO151	465	460	470	300	780	2.8	3.2	110/40	28/26	Blue Diffused	8541401000THLO151
W346G0104D	THLO152	505	500	510	1060	3360	2.8	3.2	110/40	28/26	Green Diffused	8541401000THLO152
W346G2104D	THLO153	520	515	530	1560	3360	2.8	3.2	110/40	28/26	Green Diffused	8541401000THLO153
W346Y2104D	THLO154	590	585	590	780	1560	1.8	2.3	110/40	28/26	Yellow Diffused	8541401000THLO154
W346R2104D	THLO155	624	615	630	780	1560	1.8	2.3	110/40	28/26	Red Diffused	8541401000THLO155
W346B5404D	THLO156	465	460	470	500	1060	2.8	3.2	110/40	28/26	Blue Clear	8541401000THLO156
W346G0404D	THLO157	505	500	510	2460	5760	2.8	3.2	110/40	28/26	Green Clear	8541401000THLO157
W346G2404D	THLO158	520	515	530	2460	5760	2.8	3.2	110/40	28/26	Green Clear	8541401000THLO158
W346Y2404D	THLO159	590	585	590	1060	2460	1.8	2.3	110/40	28/26	Yellow Clear	8541401000THLO159
W346R2404D	THLO160	624	615	630	1060	2460	1.8	2.3	110/40	28/26	Red Clear	8541401000THLO160

Queendom Color 546 Oval LEDs

SIZE: 5.2×3.8×6.1 MM Sku: 8541401000THLO2

Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.

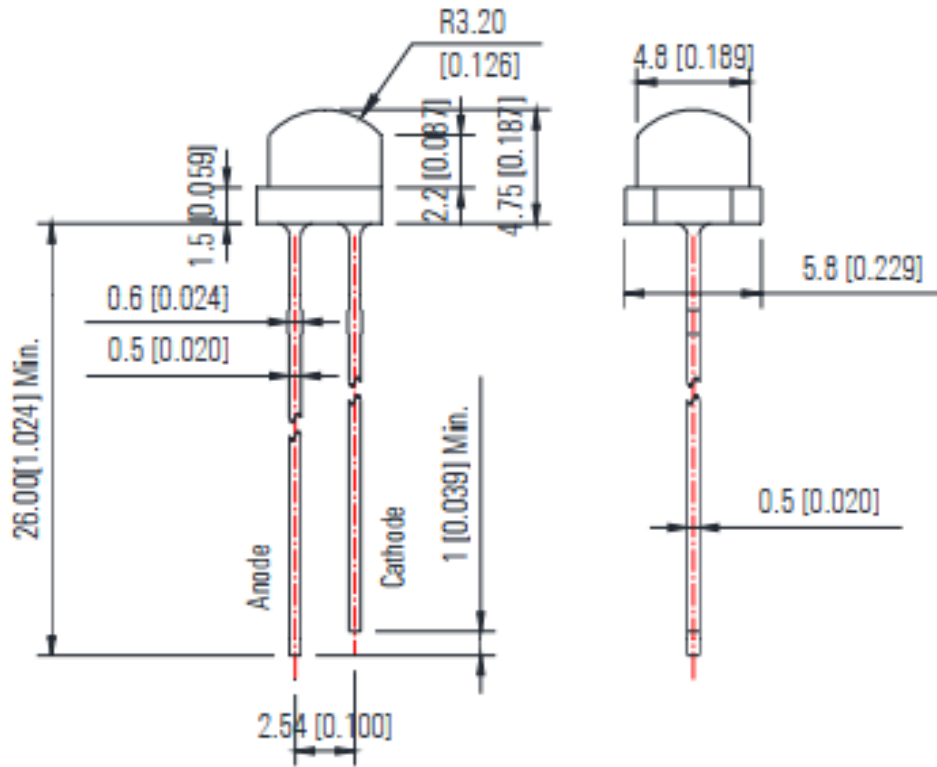
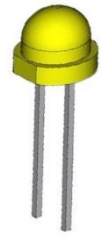


RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(MM)		
W546B5302D	THLO221	465	460	470	500	1060	2.8	3.2	110/40	18/16	Water Clear	8541401000THLO221
W546G0302D	THLO222	505	500	510	2460	5760	2.8	3.2	110/40	18/16	Water Clear	8541401000THLO222
W546G2302D	THLO223	520	515	530	2460	5760	2.8	3.2	110/40	18/16	Water Clear	8541401000THLO223
W546Y2302D	THLO224	590	585	590	1060	2460	1.8	2.3	110/40	18/16	Water Clear	8541401000THLO224
W546R2302D	THLO225	624	615	630	1060	2460	1.8	2.3	110/40	18/16	Water Clear	8541401000THLO225
W546B5202D	THLO226	465	460	470	300	780	2.8	3.2	110/40	18/16	White Diffused	8541401000THLO226
W546G0202D	THLO227	505	500	510	1060	3360	2.8	3.2	110/40	18/16	White Diffused	8541401000THLO227
W546G2202D	THLO228	520	515	530	1560	3360	2.8	3.2	110/40	18/16	White Diffused	8541401000THLO228
W546Y2202D	THLO229	590	585	590	780	1560	1.8	2.3	110/40	18/16	White Diffused	8541401000THLO229
W546R2202D	THLO230	624	615	630	780	1560	1.8	2.3	110/40	18/16	White Diffused	8541401000THLO230
W546B5102D	THLO231	465	460	470	300	780	2.8	3.2	110/40	18/16	Blue Diffused	8541401000THLO231
W546G0102D	THLO232	505	500	510	1060	3360	2.8	3.2	110/40	18/16	Green Diffused	8541401000THLO232
W546G2102D	THLO233	520	515	530	1560	3360	2.8	3.2	110/40	18/16	Green Diffused	8541401000THLO233
W546Y2102D	THLO234	590	585	590	780	1560	1.8	2.3	110/40	18/16	Yellow Diffused	8541401000THLO234
W546R2102D	THLO235	624	615	630	780	1560	1.8	2.3	110/40	18/16	Red Diffused	8541401000THLO235
W546B5402D	THLO236	465	460	470	120	300	2.8	3.2	110/40	18/16	Blue Clear	8541401000THLO236
W546G0402D	THLO237	505	500	510	2460	5760	2.8	3.2	110/40	18/16	Green Clear	8541401000THLO237
W546G2402D	THLO238	520	515	530	2460	5760	2.8	3.2	110/40	18/16	Green Clear	8541401000THLO238
W546Y2402D	THLO239	590	585	590	1060	2460	1.8	2.3	110/40	18/16	Yellow Clear	8541401000THLO239
W546R2402D	THLO240	624	615	630	1060	2460	1.8	2.3	110/40	18/16	Red Clear	8541401000THLO240
W546B5304D	THLO241	465	460	470	500	1060	2.8	3.2	110/40	28/26	Water Clear	8541401000THLO241
W546G0304D	THLO242	505	500	510	1060	3360	2.8	3.2	110/40	28/26	Water Clear	8541401000THLO242
W546G2304D	THLO243	520	515	530	1560	3360	2.8	3.2	110/40	28/26	Water Clear	8541401000THLO243
W546Y2304D	THLO244	590	585	590	1060	2460	1.8	2.3	110/40	28/26	Water Clear	8541401000THLO244
W346R2304D	THLO245	624	615	630	1060	2460	1.8	2.3	110/40	28/26	Water Clear	8541401000THLO245
W546B5204D	THLO246	465	460	470	300	780	2.8	3.2	110/40	28/26	White Diffused	8541401000THLO246
W546G0204D	THLO247	505	500	510	1060	3360	2.8	3.2	110/40	28/26	White Diffused	8541401000THLO247
W546G2204D	THLO248	520	515	530	1560	3360	2.8	3.2	110/40	28/26	White Diffused	8541401000THLO248
W546Y2204D	THLO249	590	585	590	780	1560	1.8	2.3	110/40	28/26	White Diffused	8541401000THLO249
W546R2204D	THLO250	624	615	630	780	1560	1.8	2.3	110/40	28/26	White Diffused	8541401000THLO250
W546B5104D	THLO251	465	460	470	300	780	2.8	3.2	110/40	28/26	Blue Diffused	8541401000THLO251
W546G0104D	THLO252	505	500	510	1060	3360	2.8	3.2	110/40	28/26	Green Diffused	8541401000THLO252
W546G2104D	THLO253	520	515	530	1560	3360	2.8	3.2	110/40	28/26	Green Diffused	8541401000THLO253
W546Y2104D	THLO254	590	585	590	780	1560	1.8	2.3	110/40	28/26	Yellow Diffused	8541401000THLO254
W546R2104D	THLO255	624	615	630	780	1560	1.8	2.3	110/40	28/26	Red Diffused	8541401000THLO255
W546B5404D	THLO256	465	460	470	500	1060	2.8	3.2	110/40	28/26	Blue Clear	8541401000THLO256
W546G0404D	THLO257	505	500	510	2460	5760	2.8	3.2	110/40	28/26	Green Clear	8541401000THLO257
W546G2404D	THLO258	520	515	530	2460	5760	2.8	3.2	110/40	28/26	Green Clear	8541401000THLO258
W546Y2404D	THLO259	590	585	590	1060	2460	1.8	2.3	110/40	28/26	Yellow Clear	8541401000THLO259
W546R2404D	THLO260	624	615	630	1060	2460	1.8	2.3	110/40	28/26	Red Clear	8541401000THLO260

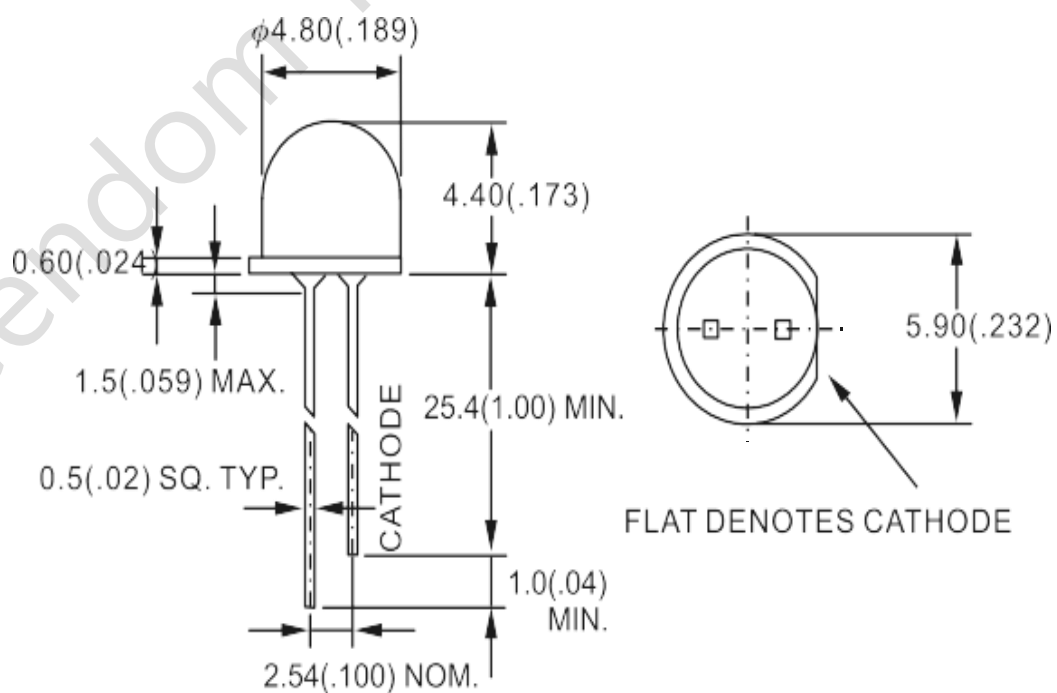
Queendom Through hole LEDs

Queendom Straw Hat LEDs

4.8×4.75 mm Straw Hat LED



4.80×4.40 mm Straw Hat LED



Queendom White 4.8mm Straw Hat LEDs

SIZE: 4.80×4.75MM Sku: 8541401000THLS1

Industry standard white emitters are available in warm white, pure white, and cool white. Test at 20ma.



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
J5WW302C	THLS101	2700K	7	11	2.8	3.2	120	20	Y	18/16	Water Clear	8541401000THLS101
J5WV302C	THLS102	3000K	7	11	2.8	3.2	120	20	Y	18/16	Water Clear	8541401000THLS102
J5WY302C	THLS103	3500K	7	11	2.8	3.2	120	20	Y	18/16	Water Clear	8541401000THLS103
J5WT302C	THLS104	4000K	7	11	2.8	3.2	120	20	Y	18/16	Water Clear	8541401000THLS104
J5WR302C	THLS105	5000K	7	11	2.8	3.2	120	20	Y	18/16	Water Clear	8541401000THLS105
J5WQ302C	THLS106	5700K	7	11	2.8	3.2	120	20	Y	18/16	Water Clear	8541401000THLS106
J5WP302C	THLS107	6500K	7	10	2.8	3.2	120	20	Y	18/16	Water Clear	8541401000THLS107
J5WD302C	THLS108	7600K	7	10	2.8	3.2	120	20	Y	18/16	Water Clear	8541401000THLS108
J5WC302C	THLS109	10500K	7	10	2.8	3.2	120	20	Y	18/16	Water Clear	8541401000THLS109
J5WW304C	THLS110	2700K	7	11	2.8	3.2	120	20	Y	28/26	Water Clear	8541401000THLS110
J5WV304C	THLS111	3000K	7	11	2.8	3.2	120	20	Y	28/26	Water Clear	8541401000THLS111
J5WY304C	THLS112	3500K	7	11	2.8	3.2	120	20	Y	28/26	Water Clear	8541401000THLS112
J5WT304C	THLS113	4000K	7	11	2.8	3.2	120	20	Y	28/26	Water Clear	8541401000THLS113
J5WR304C	THLS114	5000K	7	11	2.8	3.2	120	20	Y	28/26	Water Clear	8541401000THLS114
J5WQ304C	THLS115	5700K	7	11	2.8	3.2	120	20	Y	28/26	Water Clear	8541401000THLS115
J5WP304C	THLS116	6500K	7	10	2.8	3.2	120	20	Y	28/26	Water Clear	8541401000THLS116
J5WD304C	THLS117	7600K	7	10	2.8	3.2	120	20	Y	28/26	Water Clear	8541401000THLS117
J5WC304C	THLS118	10500K	7	10	2.8	3.2	120	20	Y	28/26	Water Clear	8541401000THLS118

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Queendom White 4.8mm Straw Hat LEDs

SIZE: 4.80×4.75MM Sku: 8541401000THLS1

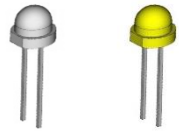
Industry standard white emitters are available in warm white, pure white, and cool white. Test at 60ma.



PRODUCT	RANK NO.	CCT(K)	FLUX (mcd)		VOLTAGE (Vf)		DEG 2Θ 1/2	TEST (mA)	FLANGE	PIN mm	LENS	PART NUMBER
			MIN	MAX	MIN	MAX						
J5WW302CC	THLS131	2700K	12	22	2.8	3.2	120	60	Y	18/16	Water Clear	8541401000THLS131
J5WV302CC	THLS132	3000K	12	22	2.8	3.2	120	60	Y	18/16	Water Clear	8541401000THLS132
J5WY302CC	THLS133	3500K	12	22	2.8	3.2	120	60	Y	18/16	Water Clear	8541401000THLS133
J5WT302CC	THLS134	4000K	12	20	2.8	3.2	120	60	Y	18/16	Water Clear	8541401000THLS134
J5WR302CC	THLS135	5000K	12	20	2.8	3.2	120	60	Y	18/16	Water Clear	8541401000THLS135
J5WQ302CC	THLS136	5700K	12	20	2.8	3.2	120	60	Y	18/16	Water Clear	8541401000THLS136
J5WP302CC	THLS137	6500K	12	20	2.8	3.2	120	60	Y	18/16	Water Clear	8541401000THLS137
J5WD302CC	THLS138	7600K	12	18	2.8	3.2	120	60	Y	18/16	Water Clear	8541401000THLS138
J5WC302CC	THLS139	10500K	12	18	2.8	3.2	120	60	Y	18/16	Water Clear	8541401000THLS139
J5WW304CC	THLS140	2700K	12	22	2.8	3.2	120	60	Y	28/26	Water Clear	8541401000THLS140
J5WV304CC	THLS141	3000K	12	22	2.8	3.2	120	60	Y	28/26	Water Clear	8541401000THLS141
J5WY304CC	THLS142	3500K	12	22	2.8	3.2	120	60	Y	28/26	Water Clear	8541401000THLS142
J5WT304CC	THLS143	4000K	12	20	2.8	3.2	120	60	Y	28/26	Water Clear	8541401000THLS143
J5WR304CC	THLS144	5000K	12	20	2.8	3.2	120	60	Y	28/26	Water Clear	8541401000THLS144
J5WQ304CC	THLS145	5700K	12	20	2.8	3.2	120	60	Y	28/26	Water Clear	8541401000THLS145
J5WP304CC	THLS146	6500K	12	20	2.8	3.2	120	60	Y	28/26	Water Clear	8541401000THLS146
J5WD304CC	THLS147	7600K	12	18	2.8	3.2	120	60	Y	28/26	Water Clear	8541401000THLS147
J5WC304CC	THLS148	10500K	12	18	2.8	3.2	120	60	Y	28/26	Water Clear	8541401000THLS148

Queendom Color 4.8mm Straw Hat LEDs

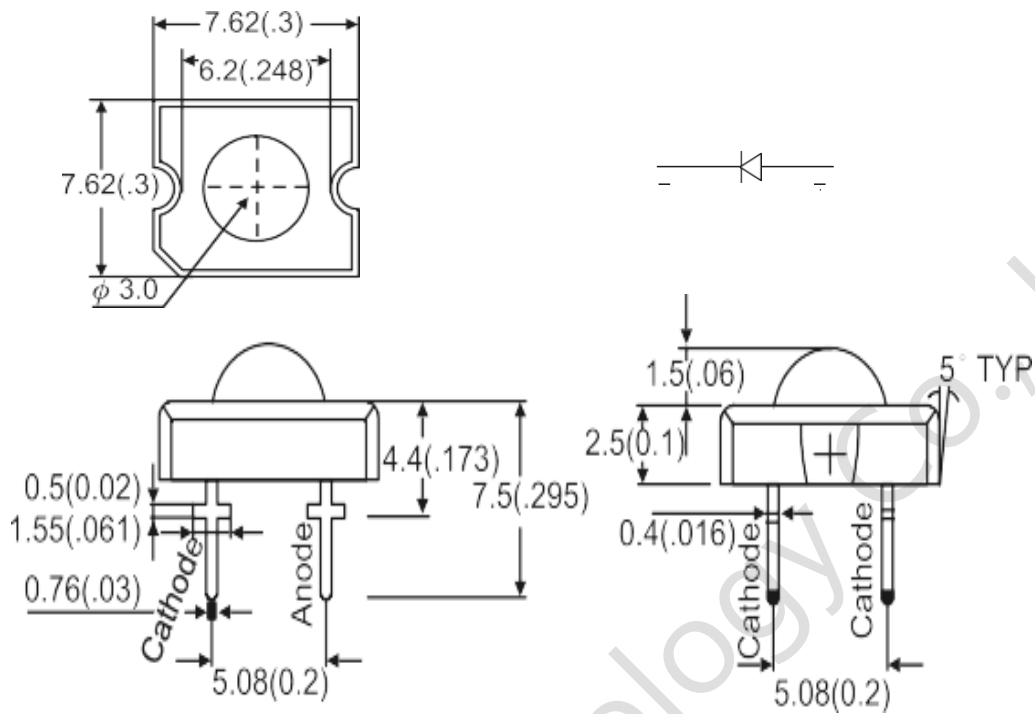
SIZE: 4.80×4.75MM Sku: 8541401000THLS1
 Industry standard emitters are available in blue, green, yellow, red and direct red.Test at 20ma.



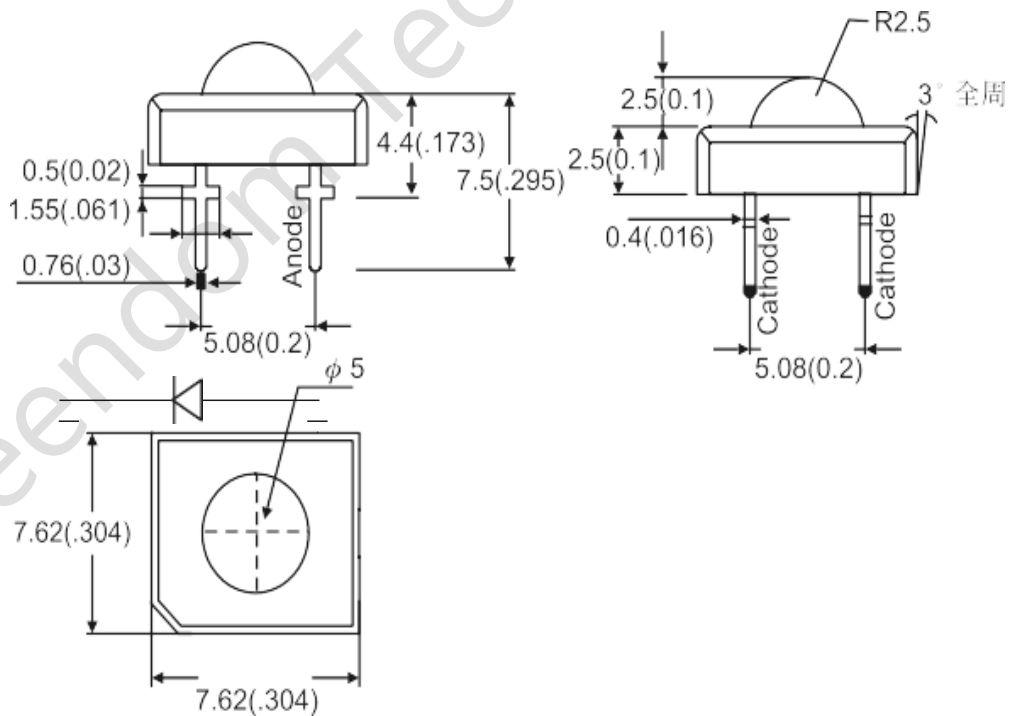
RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	PIN	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(MM)		
J5B5302C	THLS119	465	460	470	500	1060	2.8	3.2	120	18/16	Water Clear	8541401000THLS119
J5G0302C	THLS120	505	500	510	1060	3360	2.8	3.2	120	18/16	Water Clear	8541401000THLS120
J5G2302C	THLS121	530	515	530	1560	3360	2.8	3.2	120	18/16	Water Clear	8541401000THLS121
J5Y2302C	THLS122	590	585	590	90	160	1.8	2.3	120	18/16	Water Clear	8541401000THLS122
J5A0302C	THLS123	605	600	610	90	190	1.8	2.3	120	18/16	Water Clear	8541401000THLS123
J5R2302C	THLS124	624	615	630	90	190	1.8	2.3	120	18/16	Water Clear	8541401000THLS124
J5B5304C	THLS125	465	460	470	300	780	2.8	3.2	120	28/26	Blue Diffused	8541401000THLS125
J5G0304C	THLS126	505	500	510	1060	3360	2.8	3.2	120	28/26	Green Diffused	8541401000THLS126
J5G2304C	THLS127	520	515	530	1560	5760	2.8	3.2	120	28/26	Green Diffused	8541401000THLS127
J5Y2304C	THLS128	590	585	590	90	190	1.8	2.3	120	28/26	Yellow Diffused	8541401000THLS128
J5A0304C	THLS129	605	600	610	120	300	1.8	2.3	120	28/26	Orange Diffused	8541401000THLS129
J5R2304C	THLS130	624	615	630	120	300	1.8	2.3	120	28/26	Red Diffused	8541401000THLS130

Queendom Superflux LEDs

3.0×7.62 mm Superflux LEDs



5.0×7.62mm Superflux LEDs



Queendom Color 3.0mm Superflux LEDs

DEG 20°

SIZE: 3.00×7.62MM Sku: 8541401000THLSF201

Industry standard white emitters are available in warm white, pure white, and cool white. Test at 20ma.
Industry standard emitters are available in blue, green, yellow, red and direct red.Test at 20ma.



RODUCT	RANK NO.	NOMINAL [1]nm/K	PEAK WAVELENGTH [2] nm/K		TYPICAL FLUX [3] (mcd)		FORWARD VOLTAGE [4] (Vf)		TYPICAL	TEST CURRENT	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
SUB3B5309DK	THLSF201	465	460	470	2.8	3.2	1600	4500	25	20	8541401000THLSF201
SUB3G0309DK	THLSF202	505	500	515	2.8	3.2	4500	11700	25	20	8541401000THLSF202
SUB3G2309DK	THLSF203	530	515	520	2.8	3.2	4500	11700	25	20	8541401000THLSF203
SUB3Y2309DK	THLSF204	590	585	595	1.8	2.3	1600	4500	25	20	8541401000THLSF204
SUB3A0309DK	THLSF205	605	600	610	1.8	2.3	1600	4500	25	20	8541401000THLSF205
SUB3R2309DK	THLSF206	624	610	630	1.8	2.3	1600	4500	25	20	8541401000THLSF206
SUB3WY309DK	THLSF207	2200K	0.51	0.43	2.8	3.2	3360	8200	25	20	8541401000THLSF207
SUB3WW309DK	THLSF208	2700K	0.46	0.41	2.8	3.2	3360	8200	25	20	8541401000THLSF208
SUB3WV309DK	THLSF209	3000K	0.42	0.41	2.8	3.2	3360	8200	25	20	8541401000THLSF209
SUB3WU309DK	THLSF210	3500K	0.41	0.39	2.8	3.2	3360	8200	25	20	8541401000THLSF210
SUB3WT309DK	THLSF211	4000K	0.39	0.38	2.8	3.2	3360	8200	25	20	8541401000THLSF211
SUB3WR309DK	THLSF212	5000K	0.34	0.33	2.8	3.2	4500	11700	25	20	8541401000THLSF212
SUB3WQ309DK	THLSF213	5700K	0.33	0.32	2.8	3.2	4500	11700	25	20	8541401000THLSF213
SUB3WP309DK	THLSF214	6500K	0.32	0.31	2.8	3.2	4500	11700	25	20	8541401000THLSF214
SUB3WD309DK	THLSF215	7600K	0.29	0.28	2.8	3.2	3360	15700	25	20	8541401000THLSF215
SUB3WC309DK	THLSF216	10500K	0.25	0.23	2.8	3.2	3360	8200	25	20	8541401000THLSF216

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Queendom Color 3.0mm Superflux LEDs

DEG 80°

SIZE: 3.00×7.62MM Sku: 8541401000THLSF201

Industry standard white emitters are available in warm white, pure white, and cool white. Test at 20ma.
Industry standard emitters are available in blue, green, yellow, red and direct red.Test at 20ma.



RODUCT	RANK NO.	NOMINAL [1]nm/K	PEAK WAVELENGTH [2] nm/K		TYPICAL FLUX [3] (mcd)		FORWARD VOLTAGE [4] (Vf)		TYPICAL	TEST CURRENT	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
SUB3B5309DK	THLSF217	465	460	470	2.8	3.2	300	780	80	20	8541401000THLSF217
SUB3G0309DK	THLSF218	505	500	515	2.8	3.2	1140	3360	80	20	8541401000THLSF218
SUB3G2309DK	THLSF219	530	515	520	2.8	3.2	1140	3360	80	20	8541401000THLSF219
SUB3Y2309DK	THLSF220	590	585	595	1.8	2.3	300	780	80	20	8541401000THLSF220
SUB3A0309DK	THLSF221	605	600	610	1.8	2.3	500	1560	80	20	8541401000THLSF221
SUB3R2309DK	THLSF222	624	610	630	1.8	2.3	500	1560	80	20	8541401000THLSF222
SUB3WY309DK	THLSF223	2200K	0.51	0.43	2.8	3.2	1140	3360	80	20	8541401000THLSF223
SUB3WW309DK	THLSF224	2700K	0.46	0.41	2.8	3.2	1140	3360	80	20	8541401000THLSF224
SUB3WV309DK	THLSF225	3000K	0.42	0.41	2.8	3.2	1140	3360	80	20	8541401000THLSF225
SUB3WU309DK	THLSF226	3500K	0.41	0.39	2.8	3.2	1140	3360	80	20	8541401000THLSF226
SUB3WT309DK	THLSF227	4000K	0.39	0.38	2.8	3.2	1140	3360	80	20	8541401000THLSF227
SUB3WR309DK	THLSF228	5000K	0.34	0.33	2.8	3.2	1140	3360	80	20	8541401000THLSF228
SUB3WQ309DK	THLSF229	5700K	0.33	0.32	2.8	3.2	1140	3360	80	20	8541401000THLSF229
SUB3WP309DK	THLSF230	6500K	0.32	0.31	2.8	3.2	1140	3360	80	20	8541401000THLSF230
SUB3WD309DK	THLSF231	7600K	0.29	0.28	2.8	3.2	1140	3360	80	20	8541401000THLSF231
SUB3WC309DK	THLSF232	10500K	0.25	0.23	2.8	3.2	1140	3360	80	20	8541401000THLSF232

Queendom Color 5.0mm Superflux LEDs

DEG 90°

SIZE: 5.00×7.62MM Sku: 8541401000THLSF3

Industry standard white emitters are available in warm white, pure white, and cool white. Test at 20ma.
Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 20ma.



RODUCT	RANK NO.	NOMINAL [1]nm/K	PEAK WAVELENGTH [2] nm/K		TYPICAL FLUX [3] (mcd)		FORWARD VOLTAGE [4] (Vf)		TYPICAL	TEST CURRENT	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
SUB5B5309DK	THLSF301	465	460	470	780	2460	2.8	3.2	90	20	8541401000THLSF301
SUB5G1309DK	THLSF302	505	500	515	1560	3360	2.8	3.2	90	20	8541401000THLSF302
SUB5G2309DK	THLSF303	530	515	520	1560	3360	2.8	3.2	90	20	8541401000THLSF303
SUB5Y2309DK	THLSF304	590	585	595	780	2460	1.8	2.3	90	20	8541401000THLSF304
SUB5R1309DK	THLSF305	605	600	610	780	2460	1.8	2.3	90	20	8541401000THLSF305
SUB5R2309DK	THLSF306	624	610	630	780	2460	1.8	2.3	90	20	8541401000THLSF306
SUB5WY309DK	THLSF307	2200K	0.51	0.43	1560	3360	2.8	3.2	90	20	8541401000THLSF307
SUB5WW309DK	THLSF308	2700K	0.46	0.41	1560	3360	2.8	3.2	90	20	8541401000THLSF308
SUB5WV309DK	THLSF309	3000K	0.42	0.41	1560	3360	2.8	3.2	90	20	8541401000THLSF309
SUB5WU309DK	THLSF310	3500K	0.41	0.39	1560	3360	2.8	3.2	90	20	8541401000THLSF310
SUB5WT309DK	THLSF311	4000K	0.39	0.38	1560	3360	2.8	3.2	90	20	8541401000THLSF311
SUB5WR309DK	THLSF312	5000K	0.34	0.33	1560	3360	2.8	3.2	90	20	8541401000THLSF312
SUB5WQ309DK	THLSF313	5700K	0.33	0.32	1560	3360	2.8	3.2	90	20	8541401000THLSF313
SUB5WP309DK	THLSF314	6500K	0.32	0.31	1560	3360	2.8	3.2	90	20	8541401000THLSF314
SUB5WD309DK	THLSF315	7600K	0.29	0.28	1560	3360	2.8	3.2	90	20	8541401000THLSF315
SUB5WC309DK	THLSF316	10500K	0.25	0.23	1060	2460	2.8	3.2	90	20	8541401000THLSF316

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Queendom Color 5.0mm Superflux LEDs

superflux piranha [Mid Power LED] LEDs

SIZE: 5.00×7.62MM Sku: 8541401000THLSF3

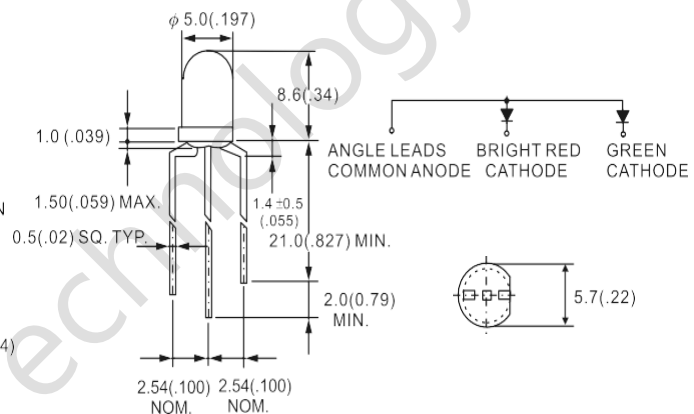
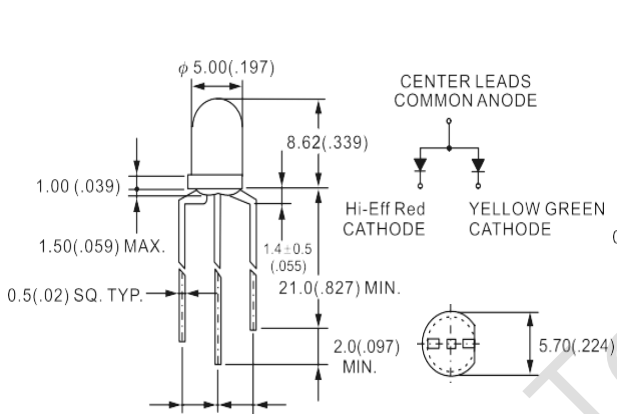
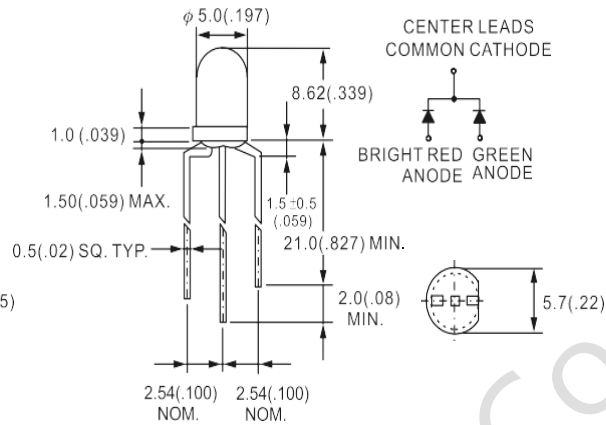
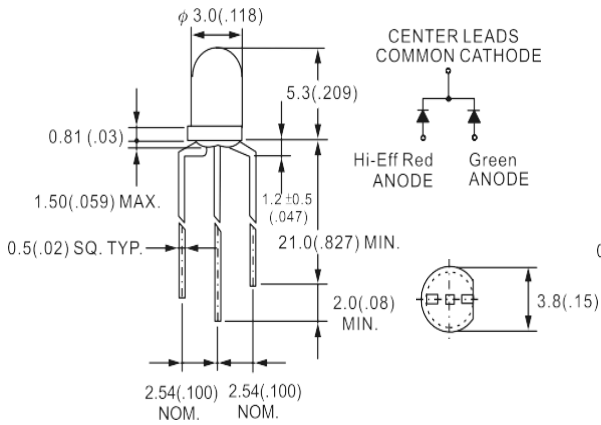
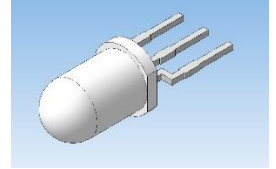
Industry standard white emitters are available in warm white, pure white, and cool white. Test at 60-150ma.
Industry standard emitters are available in blue, green, yellow, red and direct red. Test at 60-150ma.



RODUCT	RANK NO.	NOMINAL [1]nm/K	PEAK WAVELENGTH [2] nm/K		TYPICAL FLUX [3] (LM)		FORWARD VOLTAGE [4] (Vf)		TYPICAL	TEST CURRENT	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)	
SUB5B5309DKC	THLSF316	465	460	470	10	16	2.8	3.2	90	60	8541401000THLSF317
SUB5G1309DKC	THLSF317	505	500	515	14	20	2.8	3.2	90	60	8541401000THLSF318
SUB5G2309DKC	THLSF318	530	515	520	16	30	2.8	3.2	90	60	8541401000THLSF319
SUB5Y2309DKC	THLSF319	590	585	595	10	16	1.8	2.3	90	60	8541401000THLSF320
SUB5R1309DKC	THLSF320	605	600	610	10	16	1.8	2.3	90	60	8541401000THLSF321
SUB5R2309DKC	THLSF321	624	610	630	10	16	1.8	2.3	90	60	8541401000THLSF322
SUB5WY309DKC	THLSF322	2200K	0.51	0.43	20	30	2.8	3.2	90	60	8541401000THLSF323
SUB5WW309DKC	THLSF323	2700K	0.46	0.41	20	30	2.8	3.2	90	60	8541401000THLSF324
SUB5WV309DKC	THLSF324	3000K	0.42	0.41	20	30	2.8	3.2	90	60	8541401000THLSF325
SUB5WU309DKC	THLSF325	3500K	0.41	0.39	20	30	2.8	3.2	90	60	8541401000THLSF326
SUB5WT309DKC	THLSF326	4000K	0.39	0.38	20	30	2.8	3.2	90	60	8541401000THLSF327
SUB5WR309DKC	THLSF327	5000K	0.34	0.33	20	30	2.8	3.2	90	60	8541401000THLSF328
SUB5WQ309DKC	THLSF328	5700K	0.33	0.32	20	30	2.8	3.2	90	60	8541401000THLSF329
SUB5WP309DKC	THLSF329	6500K	0.32	0.31	20	30	2.8	3.2	90	60	8541401000THLSF330
SUB5WD309DKC	THLSF330	7600K	0.29	0.28	20	30	2.8	3.2	90	60	8541401000THLSF331
SUB5WC309DKC	THLSF331	10500K	0.25	0.23	20	30	2.8	3.2	90	60	8541401000THLSF332
SUB5B5309DKD	THLSF332	465	460	470	26	38	2.8	3.2	90	150	8541401000THLSF333
SUB5G1309DKD	THLSF333	505	500	515	34	60	2.8	3.2	90	150	8541401000THLSF334
SUB5G2309DKD	THLSF334	530	515	520	34	60	2.8	3.2	90	150	8541401000THLSF335
SUB5Y2309DKD	THLSF335	590	585	595	16	30	1.8	2.3	90	150	8541401000THLSF336
SUB5R1309DKD	THLSF336	605	600	610	16	30	1.8	2.3	90	150	8541401000THLSF337
SUB5R2309DKD	THLSF337	624	610	630	18	32	1.8	2.3	90	150	8541401000THLSF338
SUB5WY309DKD	THLSF338	2200K	0.51	0.43	38	60	2.8	3.2	90	150	8541401000THLSF339
SUB5WW309DKD	THLSF339	2700K	0.46	0.41	38	60	2.8	3.2	90	150	8541401000THLSF340
SUB5WV309DKD	THLSF340	3000K	0.42	0.41	38	60	2.8	3.2	90	150	8541401000THLSF341
SUB5WU309DKD	THLSF341	3500K	0.41	0.39	38	60	2.8	3.2	90	150	8541401000THLSF342
SUB5WT309DKD	THLSF342	4000K	0.39	0.38	38	60	2.8	3.2	90	150	8541401000THLSF343
SUB5WR309DKD	THLSF343	5000K	0.34	0.33	38	60	2.8	3.2	90	150	8541401000THLSF344
SUB5WQ309DKD	THLSF344	5700K	0.33	0.32	38	60	2.8	3.2	90	150	8541401000THLSF345
SUB5WP309DKD	THLSF345	6500K	0.32	0.31	38	60	2.8	3.2	90	150	8541401000THLSF346
SUB5WD309DKD	THLSF346	7600K	0.29	0.28	28	50	2.8	3.2	90	150	8541401000THLSF347
SUB5WC309DKD	THLSF347	10500K	0.25	0.23	28	50	2.8	3.2	90	150	8541401000THLSF348

Queendom Through hole LEDs

Multi-Color LEDs

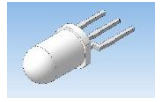


Queendom Through hole Multi-Color LED LEDs

Multi-Color LEDs 3mm & Common Anode Type LED

SIZE: 3.00×5.30MM Sku: 8541401000THLMC1

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



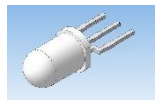
RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG 2Θ 1/2	TEST (mA)	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX				
B3R2G206CGA	THLMC101	Red	619	630	300	780	1.8	2.4	60	20	Diffused	8541401000THLMC101
		Green	520	530	1560	3360	2.8	3.2				
B3R2B5206CGA	THLMC102	Red	619	630	300	780	1.8	2.4				8541401000THLMC102
		Blue	460	300	500	1560	2.8	3.2				
B3Y2G2206CGA	THLMC103	Y	585	595	300	1060	1.8	2.3				8541401000THLMC103
		Green	520	530	1560	3360	2.8	3.2				
B3B5G2206CGA	THLMC104	Blue	460	300	500	1560	2.8	3.2				8541401000THLMC104
		Green	520	530	1560	3360	2.8	3.2				
B3R2Y2206CGA	THLMC105	Red	619	630	300	780	1.8	2.4				8541401000THLMC105
		Y	585	595	300	1060	1.8	2.3				
B3B5Y2206CGA	THLMC106	Blue	460	300	500	1560	2.8	3.2				8541401000THLMC106
		Y	585	595	300	1060	1.8	2.3				
B3RG6206CGA	THLMC107	Red	619	630	120	300	1.8	2.4				8541401000THLMC107
		Green	565	575	60	190	1.8	2.4				

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Multi-Color LEDs 3mm & Common Cathode Type LED

SIZE: 3.00×5.30MM Sku: 8541401000THLMC1

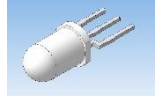
Industry standard white emitters are available in Red green\red yellow\red blue\blue green\blue yellow. Test at 20ma.



RODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG 2Θ 1/2	TEST (mA)	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX				
B3R2G206CGC	THLMC108	Red	619	630	90	300	1.8	2.4	60	20	Diffused	8541401000THLMC018
		Green	520	530	1560	3360	2.8	3.2				
B3R2B5206CGC	THLMC109	Red	619	630	90	300	1.8	2.4				8541401000THLMC019
		Blue	460	300	190	780	2.8	3.2				
B3R2G6206CGC	THLMC110	Red	619	630	40	190	1.8	2.4				8541401000THLMC020
		Y-G	565	575	20	120	1.8	2.3				
B3B5G2206CGC	THLMC111	Blue	460	300	190	780	2.8	3.2				8541401000THLMC021
		Green	520	530	1560	3360	2.8	3.2				
B3R2Y2206CGC	THLMC112	Red	619	630	90	300	1.8	2.4				8541401000THLMC022
		Y	585	595	90	190	1.8	2.4				
B3B5Y2206CGC	THLMC113	Blue	460	300	190	780	2.8	3.2				8541401000THLMC023
		Y	585	595	90	190	1.8	2.3				
B5R2G6206CGA	THLMC114	Red	619	630	120	300	1.8	2.4				8541401000THLMC024
		Green	565	575	60	190	1.8	2.4				

Queendom Through hole Multi-Color LED LEDs

Multi-Color LEDs 5mm & Common Anode Type LED



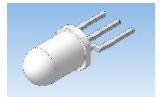
SIZE: 5.00×8.62MM Sku: 8541401000THLMC3

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

PRODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	TEST	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)		
B5R2G2206CGA	STHLMC301	Red	619	630	300	780	1.8	2.4	60	20	Diffused	8541401000THLMC301
		Green	520	530	1560	3360	2.8	3.2				
B5R2B5206CGA	STHLMC302	Red	619	630	300	780	1.8	2.4				8541401000THLMC302
		Blue	460	300	500	1560	2.8	3.2				
B5R2G6206CGA	STHLMC303	Red	619	630	40	190	1.8	2.4				8541401000THLMC303
		Y-G	565	575	20	120	1.8	2.4				
B5Y2G2206CGA	STHLMC304	Y	585	595	300	1060	1.8	2.4				8541401000THLMC304
		Green	520	530	1560	3360	2.8	3.2				
B5B5G2206CGA	STHLMC305	Blue	460	300	500	1560	2.8	3.2				8541401000THLMC305
		Green	520	530	1560	3360	2.8	3.2				
B5R2Y2206CGA	STHLMC306	Red	619	630	300	780	1.8	2.4				8541401000THLMC306
		Y	585	595	300	1060	1.8	2.4				
B5B5Y2206CGA	STHLMC307	Blue	460	300	500	1560	2.8	3.2				8541401000THLMC307
		Y	585	595	300	1060	1.8	2.4				

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Multi-Color LEDs 5mm & Common Cathode Type LED



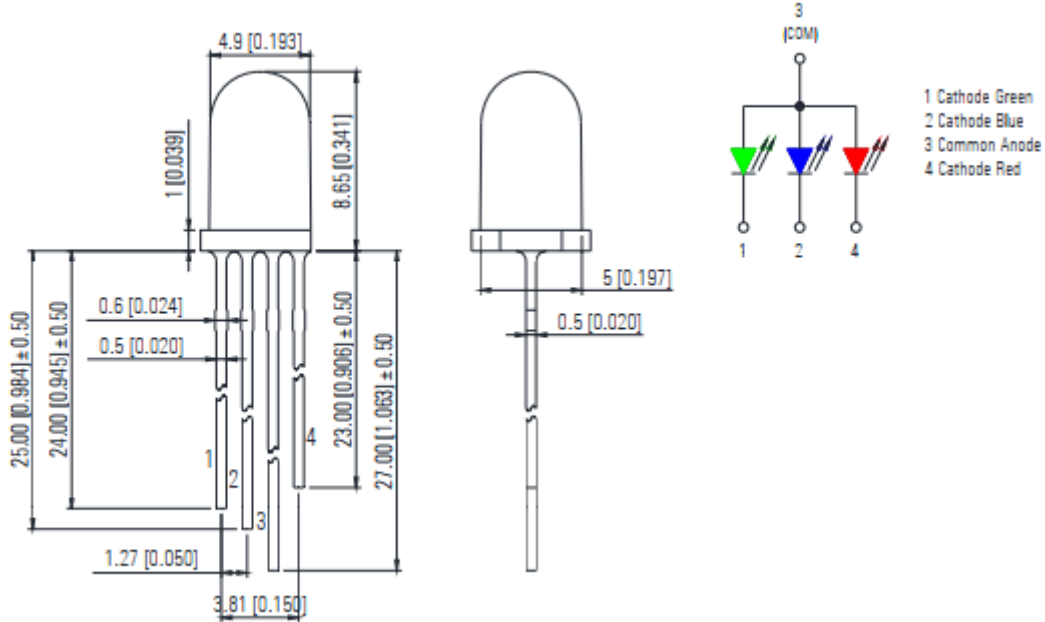
SIZE: 5.00×8.62MM Sku: 8541401000THLMC3

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

PRODUCT	RANK NO.	PEAK	WAVELENGTH (nm)		FLUX (mcd)		VOLTAGE (V)		DEG	TEST	LENS	PART NUMBER
		NM	MIN	MAX	MIN	MAX	MIN	MAX	2Θ 1/2	(mA)		
B5R2G2206CGC	STHLMC308	Red	619	630	90	300	1.8	2.4	60	20	Diffused	8541401000THLMC308
		Green	520	530	1560	3360	2.8	3.2				
B5R2B5206CGC	STHLMC309	Red	619	630	90	300	1.8	2.4				8541401000THLMC309
		Blue	460	300	190	780	2.8	3.2				
B5R2G6206CGC	STHLMC310	Red	619	630	40	190	1.8	2.4				8541401000THLMC310
		Y-G	565	575	20	120	1.8	2.4				
B5R2G6206CGC	STHLMC311	Y	585	595	300	1060	1.8	2.4				8541401000THLMC311
		Green	520	530	1560	3360	2.8	3.2				
B5B5G2206CGC	STHLMC312	Blue	460	300	190	780	2.8	3.2				8541401000THLMC312
		Green	520	530	1560	3360	2.8	3.2				
B5R2Y2206CGC	STHLMC313	Red	619	630	90	300	1.8	2.4				8541401000THLMC313
		Y	585	595	90	190	1.8	2.4				
B5B5Y2206CGC	STHLMC314	Blue	460	300	190	780	2.8	3.2				8541401000THLMC314
		Y	585	595	90	190	1.8	2.4				

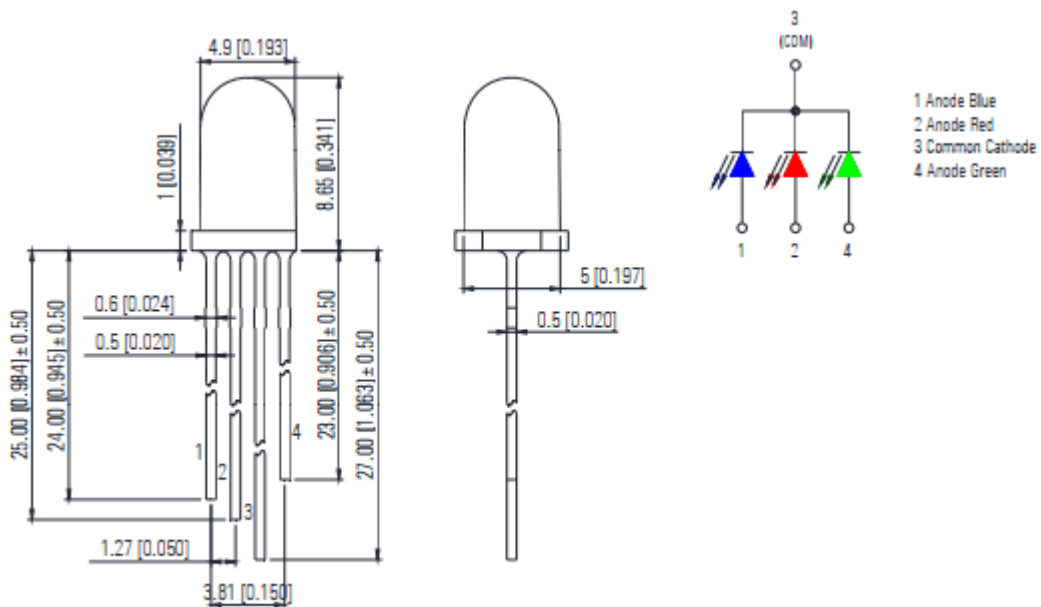
Queendom Through hole LEDs

RGB LEDs & Common Anode Type LEDs



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RGB LEDs & Common Cathode Type LEDs



Queendom Through hole RGB-Color LEDs

RGB-Color LEDs Round LEDs5mm

Common Anode Type LED & 4PIN

SIZE: 5.00×8.62MM Sku: 8541401000THLMC9

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

PRODUCT [Common Anode Type LED]	RANK NO.	COL OR	DOMINANT WAVELENGTH		TYPICAL FLUX (mcd)		FORWARD VOLTAGE		TYPIC AL	TEST CURRE NT	LENS TYPE	PART NUMBER
			[1] (nm)		[2] (mcd)		[3] (VF/V)		DEG			
			MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	2Θ 1/2			
B5RGB209 CGA	THLMC 091	Red	619	625	120	500	1.8	2.4	60	20	Diffused	8541401000TH LMC91
		Green	520	525	1560	3360	2.8	3.2				
		Blue	460	470	190	780	2.8	3.2				
B5RGB309 CGA	THLMC 092	Red	619	625	780	1560	1.8	2.4	60	20	Clear	8541401000TH LMC92
		Green	520	525	2460	5760	2.8	3.2				
		Blue	460	470	300	780	2.8	3.2				

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RGB-Color LEDs Round LEDs5mm

Common Cathode Type LED & 4PIN

SIZE: 5.00×8.62MM Sku: 8541401000THLMC9

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

PRODUCT [Common Cathode Type LED]	RANK NO.	COL OR	DOMINANT WAVELENGTH		TYPICAL FLUX (mcd)		FORWARD VOLTAGE		TYPIC AL	TEST CURRE NT	LENS TYPE	PART NUMBER
			[1] (nm)		[2] (mcd)		[3] (VF/V)		DEG			
			MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	2Θ 1/2			
B5RGB209 CGC	THLMC 093	Red	619	625	120	500	1.8	2.4	60	20	Diffused	8541401000TH LMC93
		Green	520	525	1560	3360	2.8	3.2				
		Blue	460	470	190	780	2.8	3.2				
B5RGB309 CGC	THLMC 094	Red	619	625	780	1560	1.8	2.4	30	20	Clear	8541401000TH LMC94
		Green	520	525	2460	5760	2.8	3.2				
		Blue	460	470	300	780	2.8	3.2				
B5RGY209 CGC	THLMC 095	Red	619	625	120	500	1.8	2.4	60	20	Diffused	8541401000TH LMC95
		Green	520	525	1560	3360	2.8	3.2				
		Yellow	585	595	90	300	1.8	2.4				
B5RGY309 CGC	THLMC 096	Red	619	625	780	1560	1.8	2.4	30	20	Clear	8541401000TH LMC96
		Green	520	525	2460	5760	2.8	3.2				
		Yellow	585	595	780	2460	1.8	2.4				

Queendom Through hole RGB-Color LEDs

RGB-Color LEDs Straw Hat LEDs 4.8 mm

Common Anode Type LED & 4PIN



SIZE: 4.80×4.75MM Sku: 8541401000THLMC10

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

PRODUCT [Common Anode Type LED]	RANK NO.	COL OR	DOMINANT WAVELENGTH		TYPICAL FLUX (mcd)		FORWARD VOLTAGE		TYPIC AL	TEST CURR ENT	LENS TYPE	PART NUMBER
			[1] (nm)		[2] (mcd)		[3] (VF/V)		DEG			
			MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	2Θ 1/2	(mA)		
J5RGB209 CGA	THLMC 101	Red	619	625	120	500	1.8	2.4	120	20	Diffused	8541401000THL MC101
		Green	520	525	1560	3360	2.8	3.2				
		Blue	460	470	190	780	2.8	3.2				
J5RGB309 CGA	THLMC 102	Red	619	625	780	1560	1.8	2.4	120	20	Clear	8541401000THL MC102
		Green	520	525	2460	5760	2.8	3.2				
		Blue	460	470	300	780	2.8	3.2				

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RGB-Color LEDs Straw Hat LEDs 4.8 mm

Common Cathode Type LED & 4PIN



SIZE: 4.80×4.75MM Sku: 8541401000THLMC10

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

PRODUCT [Common Cathode Type LED]	RANK NO.	COL OR	DOMINANT WAVELENGTH		TYPICAL FLUX (mcd)		FORWARD VOLTAGE		TYPIC AL	TEST CURR ENT	LENS TYPE	PART NUMBER
			[1] (nm)		[2] (mcd)		[3] (VF/V)		DEG			
			MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	2Θ 1/2	(mA)		
J5RGB209 CGC	THLMC 103	Red	619	625	120	500	1.8	2.4	120	20	Diffused	8541401000THL MC103
		Green	520	525	1560	3360	2.8	3.2				
		Blue	460	470	190	780	2.8	3.2				
J5RGB309 CGC	THLMC 104	Red	619	625	780	1560	1.8	2.4	120	20	Clear	8541401000THL MC104
		Green	520	525	2460	5760	2.8	3.2				
		Blue	460	470	300	780	2.8	3.2				

Queendom Through hole RGB-Color LED LEDs

RGB-Color LEDs Round LEDs 8mm

Common Anode Type LED & 4PIN

SIZE: 8.00×11.00MM Sku: 8541401000THLMC11

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

PRODUCT [Common Anode Type LED]	RANK NO.	COL OR	DOMINANT WAVELENGTH		TYPICAL FLUX (mcd)		FORWARD VOLTAGE		TYPIC AL	TEST CURR ENT	LENS TYPE	PART NUMBER
			[1] (nm)		[2] (mcd)		[3] (VF/V)		DEG			
			MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	2Θ 1/2	(mA)		
B8RGB209 CGA	THLMC 111	Red	619	625	190	780	1.8	2.4	60	20	Diffused	8541401000THL MC111
		Green	520	525	1560	3360	2.8	3.2				
		Blue	460	470	300	1060	2.8	3.2				
B8RGB309 CGA	THLMC 112	Red	619	625	780	2460	1.8	2.4	60	20	Clear	8541401000THL MC112
		Green	520	525	3360	8200	2.8	3.2				
		Blue	460	470	500	1560	2.8	3.2				

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RGB-Color LEDs Round LEDs 8mm

Common Cathode Type LED & 4PIN

SIZE: 8.00×11.00MM Sku: 8541401000THLMC11

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

PRODUCT [Common Cathode Type LED]	RANK NO.	COL OR	DOMINANT WAVELENGTH		TYPICAL FLUX (mcd)		FORWARD VOLTAGE		TYPIC AL	TEST CURR ENT	LENS TYPE	PART NUMBER
			[1] (nm)		[2] (mcd)		[3] (VF/V)		DEG			
			MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	MINIM UM	MAXIM UM	2Θ 1/2	(mA)		
B8RGB209 CGC	THLMC 113	Red	619	625	190	780	1.8	2.4	60	20	Diffused	8541401000THL MC113
		Green	520	525	1560	3360	2.8	3.2				
		Blue	460	470	300	1060	2.8	3.2				
B8RGB309 CGC	THLMC 114	Red	619	625	780	2460	1.8	2.4	60	20	Clear	8541401000THL MC114
		Green	520	525	3360	8200	2.8	3.2				
		Blue	460	470	500	1560	2.8	3.2				