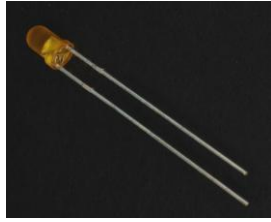


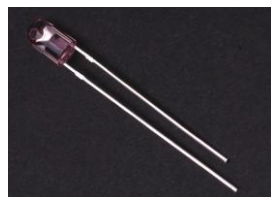


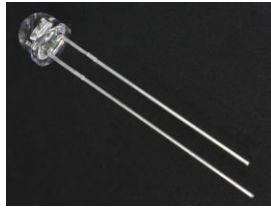



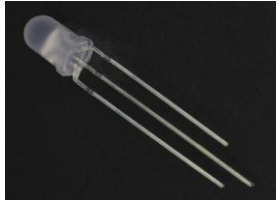
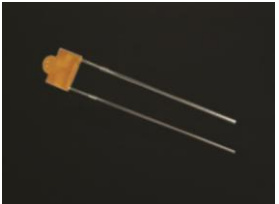




标准发光二极管/ LED LAMP



Package	Type	Emission color	λ_{dom}/T_c [nm/K]	Color rendering index R_A	at I_F			Forward voltage V_F [V]	$2\theta_{1/2}$ (typ.) [°]	Fig.
					I_V [mcd]	Φ_V [lm]	[mA]			
3mm 标准圆形/ 3mm Standard Round/3.0*5.3mm										
	304H3GD	● red	564-573	/	22-55	/	20	2.0-2.5	40	1
	304S9AD	● green	627-636	/	210-460	/				
	304P3RD	● red	640-660	/	0.2-2.0	/	20	1.8-2.4	40	
	304S22OD	● amber	600-610	/	355-780	/				
	304S31YD	● yellow	583-595	/	780-2230	/	20	1.8-2.4	40	
	308H236BD	● blue	465-475	/	600-1320	/				
308HU70GD	● green	518-527	/	1320-2900	/	20	2.9-3.5	50		
	304S31YC	● yellow	583-595	/	780-1320	/	20	1.8-2.4	25	
	304S42FC	● red	618-627	/	1320-3770	/				
	304S22OC	● amber	600-610	/	1320-2900	/	20	2.9-3.5	25	
	308H203BC	● blue	465-475	/	2230-8280	/				
	308HU70GC	● green	518-527	/	10750-30758	/	20	2.9-3.5	25	
	308H256WC	○ white	7500-25000	>70	6300-14000	6.0-9.0				
5mm 内凹/5.0*6.8mm Concave										
	532S11FC	● red	618-627	/	90-210	/	20		140	2
	532S11YC	● yellow	583-595	/	90-210	/	20	2.0-2.4	140	
	533S6OC	● amber	600-610	/	90-210	/	20		140	
	538H236BC	● blue	465-475	/	90-210	/	20	2.9-3.5	140	
	533S11GC	● green	518-527	/	160-460	/	20	2.9-3.5	140	
	538H238WC	○ white	7500-25000	>70	355-780	6.0-9.0	20	2.9-3.5	140	
3.9mm×3.1mm 椭圆/ 3.9mm×3.1mm Ellipse										
	4051R01D3	● red	618-627	/	1320-2900	/	20	1.9-2.5	70	3
	4051G01D4	● green	518-527	/	2900-6370	/	20	2.9-3.5	85	
	4051B01D4	● blue	465-475	/	460-1015	/	20	2.9-3.5	85	
	4051Y01D4	● yellow	583-595	/	1320-2900	/	20	1.9-2.5	70	
	4051W01D4	○ white	7500-25000	>70	2900-6370	7.0-9.0	20	2.9-3.5	85	
5.1mm×3.8mm 椭圆/ 5.1mm×3.8mm Ellipse										
	5461R01D3	● red	618-627	/	1320-2900	/	20	1.9-2.5	110	4
	5461G01D4	● green	518-527	/	2900-6370	/	20	2.9-3.5	90	
	5461B01D4	● blue	465-475	/	460-1015	/	20	2.9-3.5	90	
	5461Y01D4	● yellow	583-595	/	1320-2900	/	20	1.9-2.5	110	
	5461W01D4	○ white	7500-25000	>70	3770-8280	7.0-9.0	20	2.9-3.5	90	


Package	Type	Emission color	λ_{dom}/T_c [nm/K]	Color rendering index R_A	at I_F			Forward voltage V_F [V]	$2\theta_{1/2}$ (typ.) [°]	Fig.
					I_v [mcd]	Φ_V [lm]				
4.8*4.4mm 草帽/ strawhat										
	653S42FC	● red	618-627	/	355-780	/	20	1.9-2.5	100	5
	658U77GC	● green	518-527	/	2900-6370	/	20	2.9-3.5	45	
	658H203BC	● blue	465-475	/	1015-2230	/	20	2.9-3.5	45	
	653U32YC	● yellow	583-595	/	780-1715	/	20	1.9-2.5	100	
	658H256WC	○ white	7500-25000	>70	1320-2900	/	20	2.9-3.5	100	
4.8*5.8mm 钢盔形/ Helmet										
	793S42FC	● red	618-627	/	276-600	/	20	1.9-2.5	120	6
	798U78GC	● green	518-527	/	2900-6370	/	20	2.9-3.5	50	
	798H203BC	● blue	465-475	/	780-1320	/			50	
	793S39YC	● yellow	583-595	/	276-600	/	20	1.8-2.4	120	
	792H252WC	○ white	7500-25000	>70	1320-2900	/	20	2.9-3.5	120	
5.0*8.7mm 圆形 Round										
	503S38FC	● red	618-627	/	3770-8280	/	20	1.9-2.5	15	7
	503S220C	● amber	600-610	/	600-1320	/	20	1.8-2.4	15	
	503S39YC	● yellow	583-595	/	2900-6370	/	20	1.9-2.5	15	
	508H203BC	● blue	465-475	/	4900-8280	/	20	2.9-3.5	15	
	508U70GC	● green	518-527	/	23660-51980	/				
	508H256WC	○ white	7500-25000	>70	14000-30758	/				
5.0*8.7mm 交通灯专用 Traffic light										
	5031R01C3-R	● red	618-627	/	3770-8280	/	20	1.9-2.5	30	7
	5031Y01C3-R	● yellow	583-592	/	2900-6370	/	20	1.9-2.5	30	
	5032G01C4	● green	500-509	/	10750-23660	/	20	2.9-3.5	30	
双色系列/ Dual Color Series										
	309U38FU77GW	● red ● green	R:618-627 G:518-527	/	R:460-1015 G:1015-2230	/	20	1.9-2.5 2.9-3.5	80	8
	309S6FH203BW	● red ● blue	R:618-627 B:465-475	/	R:125-210 B:210-460	/	20	1.9-2.5 2.9-3.5	80	
	309U77GH203BW	● green ● blue	G:518-527 B:465-475	/	G:1015-2230 B:210-460	/	20	1.9-2.5 2.9-3.5	80	


Package	Type	Emission color	λ_{dom}/T_c [nm/K]	Color rendering index R_A	at I_F			Forward voltage V_F [V]	$2\theta_{1/2}$ (typ.) [°]	Fig.
					I_V [mcd]	Φ_V [lm]	[mA]			
双色系列/ Dual Color Series										
	509U9YU61GW	● red ● green	Y:585-595 G:518-527	/	Y:125-210 G:1015-2230	/	20	1.9-2.5 2.9-3.5	80	9
	509S39FU77GW	● red ● green	R:618-627 G:518-527	/	R:210-460 G:1015-2230	/	20	1.9-2.5 2.9-3.5	80	
	509U36FH203BW	● red ● blue	G:518-527 B:465-475	/	G:460-1015 B:210-460	/	20	1.9-2.5 2.9-3.5	80	
异形系列 Special type										
	3TEH445BD	● blue	465-475	/	100-180	/	5	2.4-3.0	80	10
	3TES11GD-S-4.1	● green	568-574	/	30-60	/	5	1.8-2.2	80	
	3TES22OD	● amber	600-610	/	65-110	/	5	1.8-2.2	80	
	3TEU102GD	● green	520-530	/	300-450	/	5	2.4-3.0	80	
	2TLH460BW-R-3.0	● blue	465-475	/	355-1015	/	20	2.8-3.6	90	11
	2TLU39FW-R-3.0	● red	618-627	/	276-600	/	20	1.9-2.5	110	
	3TMH500WW-3.7	○ white	0.136/0.147	/	600-1320	/	20	2.8-3.6	90	
	2TLU124GD-3.0	● green	520-530	/	1700-2800	/	20	2.8-3.6	110	

食人鱼发光二极管/ HIGH FLUX LED

Package	Type	Emission color	λ_{dom}/T_c [nm/K]	Color rendering index R_A	at I_F			Forward voltage V_F [V]	$2\theta_{1/2}$ (typ.) [°]	Fig.
					I_V [mcd]	Φ_V [lm]	[mA]			
Φ3mm 食人鱼, 1.9mm, 车载专用, 1.9mm/ Φ3mm Piranha, Height, automotive lighting										
	106U38FC-CZ	● red	618-627	/	1715-3770	2.0-4.0	20	1.9-2.5	70	12
	106U32YC-CZ	● yellow	583-595	/	1715-4900	2.0-4.0	20	1.9-2.5	70	
	106H241WC-CZ	○ white	5000-7000	>70	3770-8280	7.0-9.0	20	2.9-3.5	50	13
	106H369WC-CZ	○ white	5000-7000	>70	8280-18200	19-25	60	2.9-3.5	50	

Package	Type	Emission color	λ_{dom}/T_c [nm/K]	Color rendering index R_A			at I_F [mA]	Forward voltage V_F [V]	$2\theta_{1/2}$ (typ.) [°]	Fig.
					I_V [mcd]	Φ_V [lm]				
红外系列 Infrared diode										
	304IR3C-L3	/	940	/	8-14	/	20	1.1-1.3	40	1
	304IR7C-L5-4.0	/	850	/	10-20	/	20	1.1-1.5	40	
	503IR7C-L3	/	940	/	10-16	/	20	1.1-1.3	25	7
	503IR7C-L5	/	850	/	18-36	/	20	1.1-1.5	25	

Package	Type	Rise Time (10% to 90%)/Fall Time (90% to 10%) T_R/T_F [μ S]	Collector Dark Current I_{CEO} [nA]	Collector-to- Emitter Saturation Voltage $V_{CE(SAT)}$ [V]	Emitter-to- Collector Breakdown Voltage $V_{BR(ECO)}$ [V]	Collector- Emitter Breakdown Voltage $V_{BR(CEO)}$ [V]	On State Collector Current $I_{(ON)}$ [mA]	Fig.
PT 系列 PT series								
	304PT1F-T-4.0-Q1	15	100	0.2	6.5	>30	0.5	1

Package	Type	PT/PD	Peak Sensitive Wavelength [nm]	Forward voltage [V]	Reverse Breakdown Voltage V_{BR} [V]	Reverse Dark Current I_D [nA]	Light Current I_L [μ A]	Fig.
PD 系列 PD series								
	503PD4FN-T-2.8	PD	940	0.5-1.3	>35	<10	11	7

