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Professional LED Manufactory In China

Everstar is a professional manufacturer and sales company of Dip LED, LED Dot Matrix, LED Digital Display, SMD LED, High Power LED, COB, UV LED, IR LED, Flashing LED and so on. With 6-year history on LED field , Everstar is now one of the key supplier of light-emitting diode LED . We have got certificate of ISO9001, CE, RoHs. We are committed to providing the international market with high quality LED components at competitive price and good service.

Our headquarter is in Shanghai. We have branches/offices in Shanghai, Jiangsu, Shenzhen, Beijing. Chengdu ,Hong Kong, the United States, South Korea. And we also welcome more partners around the world to join us and build a much more comprehensive sales network.



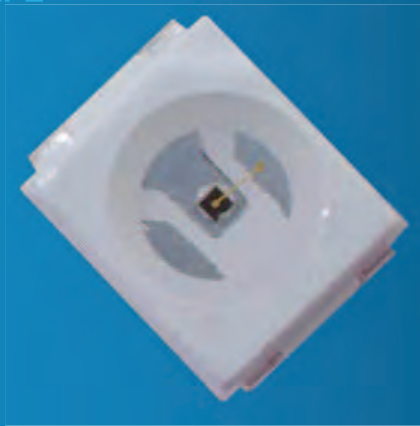
General Manager

James Shen



SMD

PASSION FOR LIFE

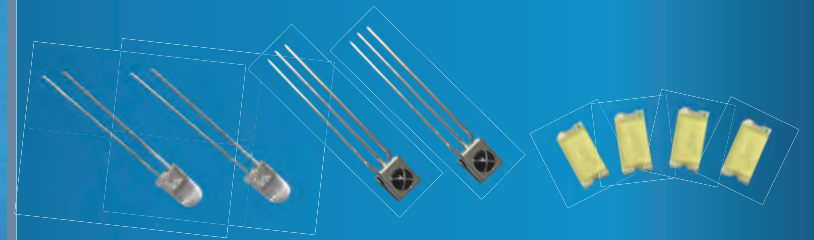


Type	Model	Size (mm*mm)	Color	VF (V)	IR	WLD (nm)	LM	mcd	CCT(K)	1/2θ (°)	Testing Condition
3528	ESS-3528AP3JX-KDS	3.5*2.8	White	2.9-3.5	10		6-8lm		7000	120	IF=20mA
	ESS-3528CWD-ZM	3.5*2.8		3.2-3.5	10		6lm		6000	120	IF=20mA
	ESS-3528UPGC-HK	3.5*2.8	Pure Green	2.9-3.4	10	530nm	5-6lm				
	ESS-3528URC-HK	3.5*2.8	Ultra Red	1.8-2.3	10	622nm	2-2.5lm			120	IF=20mA
	ESS-3528UYC-HK	3.5*2.8	Ultra Yellow	1.8-2.3	10	590nm	2-3lm			120	IF=20mA
	ESS-3528UBC-HK	3.5*2.8	Blue	2.9-3.4	10	445-475nm	1.5-2.0Lm			120	IF=20mA
	ESS-3528AYJP10-KDS	3.5*2.8	Yellow	1.8-2.4	10	589-595nm	1-3 lm			120	IF=20mA
2835	ESS-2835NWDT-R80-WR	2.8*3.5	White	3.0-3.4	10		22-26lm		3500-4700	120	IF=60mA
	ESS-2835UWDT-R80-WR								4700-7000		
	ESS-2835WWDT-R80-WR								2800-3500		
5730	ESS-5730NWDT-R80-WR	5.7*3.0	White	3.0-3.6	10		55-65lm		3500-4700	120	IF=150mA
	ESS-5730UWDT-R80-WR								4700-7000		
	ESS-5730WWDT-R80-WR								2600-3500		
1206	ESL-1206HGC-A01-OMG	3.2x1.6	High Green	1.75-2.35	10	515-577.5nm		28.5-72mcd		130	IF=20mA
	ESS-T1206HBC-MT1	3.2x1.6	High Blue	2.75-3.65	10	460-475nm		140-285mcd		130	
	ESS-T1206LPGC-MT1	3.2x1.6	Pure Green	2.7-3.7	10	515-535nm		225-565mcd		130	
	ESS-1206QAC-T7	1.2*0.6	Ultra Orange	1.8-2.4	10	600-610		100mcd		120	IF=20mA
	ESS-1206R6C-OMG		Red	1.8-2.1		620-625		92mcd		140	
0805	ESL-0805HYC-A01-OMG	2.0x1.25	Yellow	1.75-2.35	10	588.5-594.5nm		28.5-112mcd			IF=20mA
	ESL-0805HRC-A01-OMG(1)	2.0x1.25	Red	1.75-2.35	10	617.5-633.5nm		45-112mcd		140	
	ESS-0805GHC-OMG	2.0x1.25	Pure Green	2.45-3.65	10	520-535		45-180mcd		140	IF=5mA
	ESS-0805HOC-A02-OMG	2.0x1.25	Orange	1.75-2.35	10	600.5-609.5		90-180mcd		140	IF=20mA
	ESS-0805LPGC-OMG	2.0x1.25	Pure Green	2.7-3.1	10	520-535		112-285mcd		140	IF=20mA
0603	ESS-0603CPGC-OMG	1.6x0.8	Pure Green	2.6-3.2	10	515-520		90-285mcd		120	IF=20mA
	ESS-0603W-C01-OMG	1.6x0.8	White	2.6-3.2	10			90-285mcd		120	IF=5mA
	ESS-0603B1C-C01-OMG	1.6x0.8	Blue	2.6-3.3	10	455.5-475.5		11.5-72mcd		120	IF=5mA
	ESS-0603Y3C-A01-OMG	1.6x0.8	Yellow	1.75-2.35	10	585.5-594.5		45-140mcd		120	IF=20mA
	ESS-0603LPG-C01-OMG	1.6x0.8	Pure Green	2.6-3.2	10	520-535		90-285mcd		120	IF=5mA
	ESS-0603HRC-C01-OMG	1.6x0.8	Red	1.75-2.35	10	625.5-637.5		7.1-45mcd		120	IF=5mA
	ESS-0603HGC-C01-OMG	1.6x0.8	yellow Green	1.75-2.35	10	567.5-575.5		7.2-28.5mcd		120	IF=5mA
	ESS-0603LPGC-OMG	1.6x0.8	Green	2.6-3.2	10	520-530		95-285mcd		120	IF=5mA

Infrared LED

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Model	Size (mm)	Lens Color	Chip Material	VF (V)	Ir(V=5V) (μA)	WLP (nm)	1/2θ (°)	Po (mW)
ESL-3TAEIR1C	3	Water clear	GaAlAs/GaAlAs	1.3	10	940	45	8
ESL-329EIR1C	3	Water clear	GaAlAs/GaAlAs	1.4	10	940	50	12
ESL-509EIR4C	5	Water clear	GaAlAs/GaAlAs	1.3	10	940	45	15
ESL-516CIR1C	5	Water clear	GaAlAs/GaAlAs	1.3	10	940	30	15
ESL-526CIR1B1C	5	Blue transparent	GaAlAs/GaAlAs	1.3	10	940	30	12
ESL-518EIR4C	5	Water clear	GaAlAs/GaAlAs	1.3	10	850	30	12



Model	Size	Color	Power Dissipation	Reverse leakage	WLD λd (nm)	light	Color temperature	Light angle	Driving current
ESS-C155TBJRKT	3.2×2.7	Red/Blue	Red :1.9-2.1 Blue:3.0-3.4	10	Red :620-625 Blue:466-468	Red :100-200mcd Blue:100-150mcd	/	120	20mA
ESS-C155TGJRKT	3.2×2.7	Red/Green	Red :1.9-2.1 Green:3.0-3.4	10	Red :620-625 Green:520-525	Red :100-200mcd Green:200-400mcd	/	120	20mA
ESS-JC150DWS5	1.6×3.2	White	2.8-3.2	10	/	400-800mcd	8000-9000K	120	20mA
ESS-JC150KRKT	1.6×3.2	Red	1.8-2.2	10	625-635	100-200mcd		120	20mA
ESS-JC150TBKT	1.6×3.2	Blue	2.8-3.2	10	465-470	100-200mcd	/	120	20mA
ESS-JC150TGKT	1.6×3.2	Green	2.8-3.2	10	520-525	150-250mcd	/	120	20mA
ESS-JC170KRKT	2.0×1.25	Red	1.6-2.6	10	620-625	100-190mcd	/	120	20mA
ESS-JC170TBKT	2.0×1.25	Blue	2.8-3.2	10	465-470	200-300mcd	/	120	20mA
ESS-JC170TGKT	2.0×1.25	Green	3.0-3.4	10	520-525	300-500mcd	/	120	20mA
ESS-JC190DSW5	1.6×0.8	White	2.8-3.2	10	/	150-200mcd	8000-9000K	120	20mA
ESS-JC190KRKT	1.6×0.8	Red	1.8-2.2	10	618-622	80-150mcd	/	120	20mA
ESS-JC190TBKT	2.0×1.25	Blue	2.8-3.2	10	465-475	30-100mcd	/	120	20mA
ESS-JC190TGKT	1.6×0.8	Green	2.8-3.2	10	520-525	200-250mcd		120	20mA
ESS-JC190YGKT	1.6×0.8	Yellow Green	1.8-2.2	10	565-570	50-70mcd	/	120	20mA
ESL-R316CIRIC-JFL	3.0mm	Water Clear	1.4-1.6	10	940	30-60mW/sr	/	20	20mA
ESL-3538T	5.0mm	Water Clear	1.4-1.6	10	850	70-90mW/sr	/	20	50mA
ESL-IR3408D-1 Receiving distance30M									

Dip LED

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3 mm

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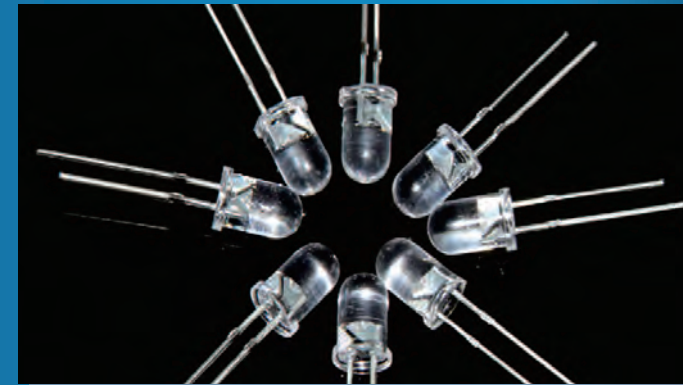


Model	Color	Lens Color	Chip Material	VF (V)	Ir(V=5V) (μA)	CCT (K)	1/2θ	Iv (mcd)
ESL-R3044CWCE103	Cold White	Water Clear	GaN/GaN	3.2	10	8000-10000	20	8000
ESL-R3044TWCE026	White	Water Clear	GaN/GaN	3.0-3.6	10	6000	20	8000
ESL-R3044TWWE081	White	Water Clear	GaN/GaN	3.0-3.6	10	6000-8000		6000
ESL-R3044TWWE081	White	White Diffused	GaN/GaN	3.0-3.6	10	6000-8000	40	6000
ESL-R3044TWWE182	Ture White	White Diffused	GaN/GaN	2.8-3.4	5	6000-7000	80	2000-5000mcd
ESL-R3044WWCE074	Warm White	Water Clear	GaN/GaN	2.9-3.6	10	2800-3200	30	8000-10000

Model	Color	Lens Color	Chip Material	VF (V)	Ir(V=5V) (μA)	WLD (nm)	1/2θ (°)	Iv (mcd)
ESL-R3A40ARCN100	Red	Water Clear	GaAsAlP & GaAsP	2.1	10	623	100	1200
ESL-R3046HRDP219-TBS205	Red	Red Diffused	GaAlInP/GaAs	2.00	10	620-630	60	100-250
ESL-R3040ARCN215	Red	water clear	GaAlInP/GaAs	2.0-2.4	10	620-630	30	5500-7000
ESL-R3940HRCP239	Red	Water Clear	GaAlInP/GaAs	1.9-2.1	10	630-640	40	1300-1800
ESL-R3040SRDN174	Red	Red Diffused	GaAlInP/GaAs	1.8-2.4	10	635-645	60	50-60
ESL-R3044VRCP253	Red	Water Clear	GaAlInP/GaAs	2.00	10	620-628	25	2500
ESL-R3050SRCN357	Red	Water Clear	GaAlInP/GaAs	1.80	10	643	60	55
ESL-R3040HRDP366	Ultra Red	Red Diffused	GaAlInP/GaAs	1.8-2.4	10	620	50	2000-5000
ESL-R3040HBDE034	Blue	Blue Diffused	GaN/GaN	3.2	10	468	60	800
ESL-R3044UBCE200	Blue	Water Clear	GaN/GaN	3.2	10	470	20	1500
ESL-R3044UBCE040	Blue	Water Clear	GaN/GaN	2.8-3.6	10	465-470	20	3000-5000
ESL-R3044HBWE045	Blue	White Diffused	GaN/GaN	3.5-4	10	470	60	700
ESL-R3040VBCE095	Blue	water clear	GaN/GaN	2.9-3.6	10	465-475	20	4000-5000
ESL-R3240SGDP041	Green	Green Diffused	GaP/GaP	2.2	10	570	60	18
ESL-R3045LPGCE086	Green	Water Clear	GaN/GaN	3.2	10	520	25	9000
ESL-R3046GDP145-TBS205	Green	Green Diffused	GaP/GaP	1.8-2.4	10	570-575	80	100-250
ESL-R3040LPGCE071	Green	water clear	GaN/GaN	2.9-3.6	10	520-530	30	9000-13000
ESL-R3040GDP058	Green	Green Diffused	GaAlInP/GaAs	2.0-2.6	10	565-573	60	20-40
ESL-R3040GDP058	Green	Green Diffused	GaP/GaP	2.0-2.6	10	565-573	60	20-30
ESL-R3040AYCN099	Yellow	Water Clear	GaAlInP/GaAs	2	10	589-594	40	3500
ESL-R3040HYTP097	Yellow	Yellow Clear	GaAsP/GaP	2	10	588	30	60
ESL-R3140HYCP158	Yellow	Water Clear	GaAsP/GaP	1.8-2.3	10	589-594	30	1000-2000
ESL-R3050HYCP168	Yellow	Water Clear	GaAsP/GaP	2.10	10	589	80	200
ESL-R3040HYDP077	Yellow	Yellow Diffused	GaAsP/GaP	2.0-2.6	10	584-593	60	15-25
ESL-R3040VOTP020	Orange	Orange Clear	GaAlInP/GaAs	2.1	10	600-610	20	4000

5 mm

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Model	Color	Lens Color	Chip Material	VF (V)	Ir(V=5V) (μA)	CCT (K)	1/2θ	Iv (mcd)
ESL-R5044CWCE026	Cool White	Water Clear	GaN/GaN	3.0-3.6	10	9000-20000	20	18000-25000
ESL-R5044CWCE166	Cool White	Water Clear	GaN/GaN	2.8-3.4	10	7000-9000	35	6000-15000
ESL-R5044TWCE049	Cool White	Water Clear	GaN/GaN	3.0-3.6	10	6500	15	25000
ESL-R5044CWCE026	Cool White	Water Clear	GaN/GaN	3.0-3.6	10	9000-20000	15	18000-25000
ESL-R5044UWCE151	White	Water Clear	GaN/GaN	2.8-3.6	10	4000-5000	30	8000-12000
ESL-R5444UWCE019	White	Water Clear	GaN/GaN	3.0-3.5	10	6500	30	1800
ESL-R5044TWCE073	Nature White	Water Clear	GaN/GaN	2.9-3.6	10	4000-4500	30	12000-17000
ESL-R5044TWCE071	Nature White	Water Clear	GaN/GaN	2.9-3.6	10	4000-4500	30	10000-15000
ESL-R5044WWCE070	Warm White	Water Clear	GaN/GaN	2.9-3.6	10	2800-3200	30	10000-15000
ESL-R5044WWCE073	Warm White	Water Clear	GaN/GaN	2.9-3.6	10	2800-3200	30	12000-17000
ESL-R5044WWCE074	Warm White	Water Clear	GaN/GaN	2.9-3.6	10	2800-3200	30	6000-7000
ESL-R5D44WWCE097	Warm White	Water Clear	GaN/GaN	3.2	10	2500-2800	20	1500
ESL-R2044WWCE075	Warm White	Water Clear	GaN/GaN	2.9-3.6	10	2800-3200	15	6500-8500

Model	Color	Lens Color	Chip Material	VF (V)	Ir(V=5V) (μA)	WLP (nm)	1/2θ (°)	Iv (mcd)
ESL-R5A32HRCP084	Red	water clear	GaAlInP/GaAs	2.1	10	625	18	2000-3000
ESL-R5A33HRDP100	Red	Red Diffused	GaAlInP/GaAs	2.1	10	632	30	400
ESL-R5032SRTN196	Red	Red Diffused	GaP/GaP	2	10	640	60	100
ESL-R5A32ARCN214	Red	water clear	GaAlInP/GaN	1.8-2.4	10	620-630	20	7000-9000
ESL-R5A32LRCP212	Red	water clear	GaAsP/GaP	1.9-2.4	10	620-630	30	8-15
ESL-R5032HRDP384-TBS205	Red	Red Diffused	GaAlInP/GaAs	1.8-2.4	10	620-625		200-400
ESL-R5A33ARCN114	Red	Water Clear	GaAlInP/GaN	1.8-2.4	10	625	25	6000
ESL-R5032HRDP276	Red	Red Diffused	GaAlInP/GaN	1.8-2.4	10	620-630	60	15-30
ESL-R5032VRDP259	Red	Red Diffused	GaAlInP/GaN	1.8-2.4	10	620-630	30	700-1000
ESL-R5132ARCN302	Red	Water Clear	GaAlInP/GaN	1.8-2.4	10	625	15	15000
ESL-R5032HRCP332	Red	Water Clear	GaAlInP/GaN	1.8-2.4	10	620-630	30	1000-2000
ESL-R5022HRCP333	Red	Water Clear	GaAlInP/GaN	1.8-2.4	10	620-630	30	2000
ESL-R5032HRDP360	Red	Red Diffused	GaAlInP/GaN	2.00	10	620-625	30	60mcd
ESL-R5B33ARCP265	Red	Water clear	GaAlInP/GaN	2.00	10	620-630nm	40	4500
ESL-R5032HRCN350	Red	Water Clear	GaAlInP/GaN	2.00	10	620-630nm	10	14000
ESL-R5032URDP304	Red	Red Diffused	GaAlInP/GaN	1.8-2.4	10	635-640nm	60	20-100
ESL-R5032HRDP367	Ultra Red	Red Diffused	GaAsP/GaP	2.10	10	623	60	200-500
ESL-R5A32HYCP095	Yellow	water clear	GaAsP/GaP	2	10	588	20	300
ESL-R5A32HYTP096	Yellow	Yellow Diffused	GaAsP/GaP	2	10	588	20	300
ESL-R5A32SYDP033	Yellow	Yellow Diffused	GaAsP/GaP	2	10	588	60	70

Dip LED

PASSION FOR LIFE

5 mm

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Model	Color	Lens Color	Chip Material	VF (V)	Ir(V=5V) (μA)	WLP (nm)	1/2θ (°)	Iv (mcd)
ESL-R5032HYD-R	Yellow	water clear	GaAsInP/GaAsP	10	10	590	30	850
ESL-R5745HYCP063	Yellow	water clear	GaAlInP/GaAs	2.1	10	590	80	300
ESL-R5A32HYCP113	Yellow	water clear	GaAsP/GaP	1.8-2.4	10	584-590	30	12-20
ESL-R5A32AYCP112	Yellow	water clear	GaAlInP/GaAlP	1.8-2.2	10	590-594	20	6500-8500
ESL-R5CHYC020	Yellow	Water Clear	GaAsP/GaP	2.0-2.4	10	590-595	20	10000
ESL-R5032AYCN160	Yellow	Water Clear	GaAsP/GaP	2.0-2.6	10	587	20	10000
ESL-R5022HYCP159	Yellow	Water Clear	GaAsP/GaP	1.8-2.4	10	588-594	30	1200
ESL-R5032HYDP147	Yellow	Yellow Diffused	GaAsP/GaP	2.20	10	589	40	50mcd
ESL-R5032HYDP174	Yellow	Yellow Diffused	GaAsP/GaP	2.10	10	587	60	100-400
ESL-R5022GCP131	Yellow Green	Water Clear	GaAsP/GaP	2.0-2.6	10	569-575	15	450
ESL-R5A44LPGCE059	Green	water clear	GalnN/GaN	3.2	10	520	15	25000
ESL-R5B44LPGCE018	Green	water clear	GalnN/GaN	2.8-4.0	10	520	15	13900
ESL-R5I44LPGWE057	Green	Green Diffused	GalnN/GaN	3.2	10	525	90	600
ESL-R5044LPGD-R	Green	water clear	GalnN/GaN	11	10	525	30	2800
ESL-R5121GCP020	Green	water clear	GaP/GaP	2.2	10	570-573	30	400
ESL-R5121GDP020	Green	Green Diffused	GaP/GaP	2.2	10	568-573	50	70
ESL-R5121GTP020	Green	Green Diffused	GaAlInP/GaAs	2.3	10	565-573	50	230
ESL-R5A33GCP076	Green	water clear	GaP/GaP	1.8-2.4	10	567-573	30	6-12
ESL-R5032GDP154-TBS205	Green	Green Diffused	GaAsP/GaP	1.8-2.4	10	569-571		50-200
ESL-R5BUPGC018	Green	Water Clear	GaAsP/GaP	3.2-3.4	10	520-525	20	10000
ESL-R5032GDP121	Green	Green Diffused	GaAsP/GaP	1.8-2.4	10	570-575	40	50mcd
ESL-R5032LPGDE135	Green	Green Diffused	InGaN/GaN	3.00	10	521	60	800-1000
ESL-R5A44LPGCE070	Pure Green	water clear	GalnGN/GaN	2.9-3.6	10	520-530	30	18000-23000
ESL-R5A44VBCE096	Blue	water clear	InGaN/GaN	3.0-3.6	10	460-470	30	320-400
ESL-R5A44VBCE060	Blue	water clear	GalnN/GaN	3.2	10	468	15	4000
ESL-R5A44VBCE097	Blue	water clear	InGaN/GaN	3.0-3.6	10	465-475	20	7500-8500
ESL-R5BLBC018	Blue	Water Clear	InGaN/GaN	3.2-3.4	10	465-470	15	14000
ESL-R5032UBDE154	Blue	Blue Diffused	InGaN/GaN	2.8-3.6	10	465-475	55	350
ESL-R5032ABCE149	Blue	Water Clear	GaAlInP/GalnP	2.00	10	470nm	40	1300
ESL-R5032HBCE151	Blue	Water Clear	GaAsP/GaP	3.0-3.4	10	465-470nm	30	1500-2500
ESL-R5A32VOCPO35	Orange	water clear	GaAlInP/GaAlP	1.8-2.4	10	600-610	30	2000-2600
ESL-R5032ODPO25	Orange	Orange Diffused	GaAlInP/GaAs	2	10	606	30	1500
ESL-R5132SODPO19	Orange	Orange Diffused	GaAlInP/GaAs	2.1	10	605	60	150
ESL-R5CLOC020	Orange	Water Clear	GaAsP/GaP	2.0-2.2	10	600-605	20	4000
ESL-R5A44UPCE009	Purple	water clear	InGaN/GaN	3.0-3.6	10	390-410	30	80-120

8 mm

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ESL-R8134LPGW062	Green	White Diffused	GaAlInP/GalnP	2.8-3.5	10	515-525	60	1000
ESL-R8032GTP125	Green	Green Clear	GaAsP/GaP	1.8-2.3	10	565-570	50	200-500
ESL-R8344UBCE110	Blue	Water clear	GaAsP/GaP	2.8-3.4	10	463-465	40	4000
ESL-R8032URTP305	Red	Red Clear	InGaN/GaN	1.8-2.3	10	625-635	50	300-700
ESL-R819ESRWP375	Ultra Red	White Diffused	InGaN/GaN	1.8-2.3	10	620-630	50	450-700

Square LED

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Model	Color	Size (mm)	Chip Material	VF (V)	Ir(V=5V) (μA)	WLD (nm)	1/2θ (°)	Iv (mcd)
ESL-S6340VRDP168	Red	2.6*7.0*7.6	GaAsP/GaP	2.1	10	625	140	150
ESL-S6740SRDN175	Red	2*5*7	GaAsP/GaP	1.8	10	640	140	20
ESL-S6432HRDP314	Red	2.0*5.0*7.0mm SQUARE	Red Diffused	2.0-2.4	10	630-640	100	200
ESL-S6540ODPO80	Orange	2*5*7	GaAsP/GaP	2	10	604	120	6
ESL-S6340HYDP067	Yellow	2.6*7.0*7.6	GaAsP/GaP	2.1	10	590	140	80
ESL-S6340HGDP056	Green	2.6*7.0*7.6	GaP/GaP	2.1	10	570	140	65
ESL-S6440UGCP035	Green	2*5*7	GaP/GaP	2	10	568	110	90
ESL-S6440GDP138	Green	2.0*5.0*7.0mm SQUARE	Green Diffused	2.00	10	565-575	120	50
ESL-S6440LPGDP129	Green	2.0*5.0*7.0mm SQUARE	Green Diffused	2.8-3.2	10	520	60	1000

Dip LED

PASSION FOR LIFE

Elliptical LED

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Model	Color	Size (mm)	Chip Material	VF (V)	Ir(V=5V) (μA)	WLD (nm)	1/2θ (°)	Iv (mcd)
ESL-H5423ARDN103	Red	5	GaAlInP/GaAs	2	10	625	110	800
ESL-H5432ARCN216	Red	5	GaAlInP/GaAs	2	10	625	80	3000
ESL-H5425LPGDE031	Green	5	GaInN/GaN	3.2	10	525	110	1600
ESL-H3532HBCE053	Blue	5	GaInN/GaN	3.2	10	470	80	1000
ESL-H5425HBDE038	Blue	5	GaInN/GaN	3.2	10	470	110	400
ESL-H3532SOCPO17	Orange	3	GaAlInP/GaAs	2	10	606	80	800
ESL-H3532SOCPO17	Orange Water Clear	3	GaInN/GaN	2.0-2.2	10	600-610	40	600-1000

RGB Dip LED

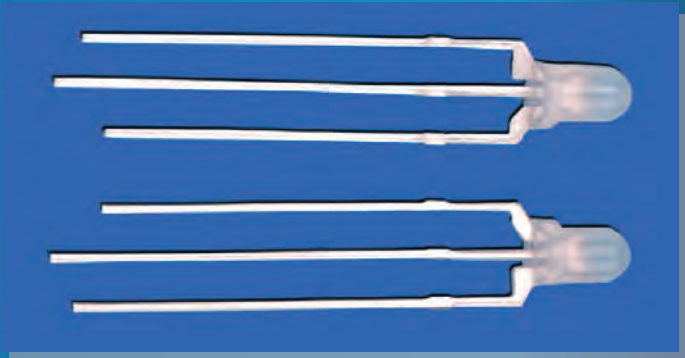
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Model	Size (mm)	Shape	Chip Material	VF (V)	Ir(V=5V) (μA)	WLD (nm)	1/2θ (°)	Iv (mcd)
ESL-R5ARGBC05-TF	5	Round	GaAlInP/GaAs	1.8-2.4	10	620-630	45	20-28
			GaInN/GaN	3.0-3.6	10	510-525	45	120-150
			GaInN/GaN	3.0-3.6	10	455-465	45	30-55
ESL-R50RGBC01-MF	5	Round	GaAlInP/GaAs	1.8-2.4	10	620-630	45	900-1600
			GaInN/GaN	3.0-3.6	10	517-525	45	4500-6500
			GaInN/GaN	3.0-3.6	10	455-462	45	850-1500

Two Color LED

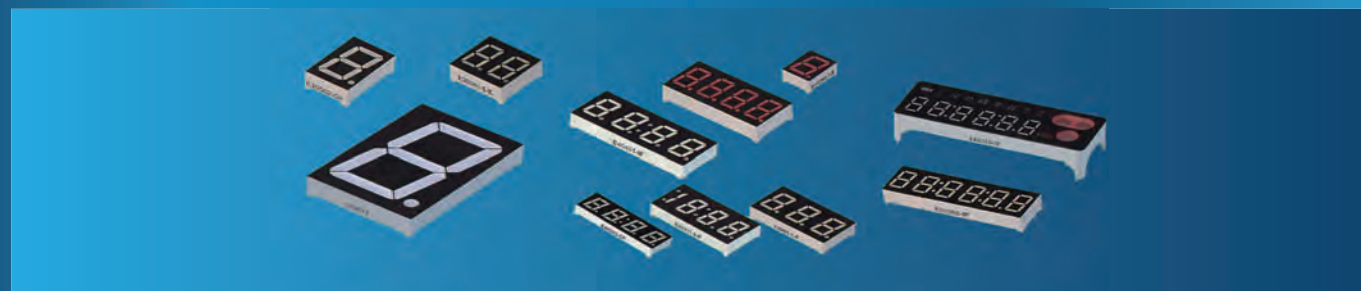
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Model	Color	Size (mm)	Shape	Chip Material	VF (V)	WLD (nm)	1/2θ (°)	Iv (mcd)
ESL-R3071HBURW019	Blue & Red	3		GaInN/GaN	2.8-3.4	470	60	200
				GaAsInP/GaAsP	1.8-2.4	624	60	450
ESL-R3971LPGARDW049	Green & Red	3		GaAsInP/GaAsP	2	624	60	1000
				GaInN/GaN	3.2	520	60	900
ESL-S6171GUOW027	Green & Orange	2*3*4	Square	GaAsP/GaP	2.0-2.4	605	150	8
				GaP/GaP	2.0-2.4	569	150	15
ESL-S6794RGW033W	Red & Green	2*5*7	Square	GaAsP/GaP	1.8-2.4	568-573	140	25
				GaP/GaP	1.8-2.6	626	140	15
ESL-V50RBC007	Red & Blue	5	Concave	GaAlInP/GaAs	1.8-2.4	620-630	120	20-28
				GaInN/GaN	3.0-3.6	455-465	120	30-55
ESL-V50RGC008	Red & Green	5	Concave	GaAlInP/GaAs	1.8-2.4	620-630	120	20-28
				GaInN/GaN	3.0-3.6	515-520	120	120-150

LED Digital Display

PASSION FOR LIFE



Type	Model	Size (inch)	Drive Mode	Color	Vf (V)	WLD (nm)	Iv (mcd)
Single digit	ESD-010LPGBW-FZ	1.0	C/A	Green	3.0-3.5	512.5-515	200-300
	ESD-010YGBW-FZ	1.0	C/A	Yellow Ggreen	2.0-2.5	568-573	8-10
	ESD-10URBW-CAS1	1.0	C/A	Red	1.9-2.5	630-637	23-28
	ESD-023SRBR-FZ	2.3	C/A	Red	7.6-10	630-637	23-28
	ESD-039SRBW-CCS1	0.39	C/C	Red	1.7-2.2	640-649	10-13
	ESD-056BGBW-CAS1	0.56	C/A	Green	3.0-3.5	512.5-515	200-300
	ESD-056HBBW-CAS1	0.56	C/A	Blue	3.0-3.5	460-463	70-100
	ESD-056URBW-CAS1	0.56	C/A	Red	1.9-2.5	630-637	23-28
	ESD-056UWBW-CAS5	0.56	C/A	White	9.0-10.5	460-467	70-100
	ESD-080SRBW-FZ	0.80	C/A	Red	1.9-2.5	630-637	23-28
	ESD-100BGBW-CAS1	1.0	C/A	Green	3-3.5	512.5-515	200-300
	ESD-100HBBW-CAS1	1.0	C/A	Blue	3-3.5	460-465	75-85
Dual Digit	ESD-100HYBW-CAS1	1.0	C/A	Yellow	1.9-2.5	585-592	70-100
	ESD-400SRBW-FZ	4.0	C/A	Red	7.6-10	630-637	23-28
	ESD-036UR2BW-CCS1	0.36	C/C	Red	1.9-2.5	630-637	23-28
	ESD-036BG2BW-CCS1	0.36	C/C	Green	3-3.5	512.5-515	200-300
Three Digit	ESD-036HB2BW-CCS1	0.36	C/C	Blue	3-3.5	460-465	70-100
	ESD-036UR3BW-CCS1	0.36	C/C	Red	1.9-2.5	630-637	23-28
	ESD-036HB3BW-CCS1	0.36	C/C	Blue	3-3.5	460-465	70-100
	ESD-036BG3BW-CCS1	0.36	C/C	Green	3-3.5	512.5-515	200-300
Four Digit	ESD-036HB3BW-S2	0.36	C/A	Blue	3.0(3.4max)	465(467.5max)	180(190max)
	ESD-040YGG3BW-FZ	0.4	C/A	Yellow Green	2.0-2.5	570-573	15-20
	ESD-056UR4BW-CAS1	0.56	C/A	Red	1.9-2.5	630-637	23-28
	ESD-056HB4BW-CAS1	0.56	C/A	Blue	3-3.5	460-465	70-100
	ESD-056UW4BW-CAS1	0.56	C/A	White	3-3.5		70-100
	ESD-056BG4BW-CAS1	0.56	C/A	green	3-3.5	512.5-515	200-300
	ESD-036HB4BW-CCS1	0.36	C/C	blue	3-3.5	460-465	70-100
	ESD-036BG4BW-CCS1	0.36	C/C	blue	3-3.5	512-515	200-300
	ESD-056LPG4BW-FZ	0.56	C/A	green	3-3.5	512-515	200-300
	ESD-056SR4BW-FZ	0.56	C/A	red	1.9-2.5	630-637	23-28
	ESD-056UB4BW-FZ	0.56	C/A	blue	3-3.5	460-465	70-100
	ESD-056UW4BW-FZ	0.56	C/A	white	3-3.5		70-100
	ESD-056Y4BW-FZ	0.56	C/A	yellow	1.9-2.5	585-592	70-100
	ESD-056YG4BW-FZ	0.56	C/C	yellow green	2.0-2.5	568-573	15-20
Five Digit	ESD-036HB5BW-S2	0.36	C/A	blue	3.0(3.4max)	465(467.5max)	180(190max)
Testing Condition	IF=20mA						

High Power LED

PASSION FOR LIFE



Type	Model	Color	Luminous Flux Φv (lm)	WLD λd (nm)	Forward Voltage VF (V)	Power Dissipation PD (W)	1/2θ (°)	Thermal Resistance RθJ-B (°C/W)	Testing Condition
1W	ESH-1WABC-GT	Blue	15-25	460-470	3-3.6	1.05-1.26	120	12	IF=750mA
	ESH-1WARC-GT	Red	40-60	620-630	2-2.6	0.80-1.04			
	ESH-1WLPGC-GT	Pure Green	70-90	520-530	3-3.6	1.05-1.26			
3W	ESH-3WABC-GT	Blue	30-50	460-470	3.5-4.5	2.63-3.375			
	ESH-3WARC-GT	Red	60-80	620-630	2.2-2.8	1.76-2.24			
	ESH-3WAYC-GT	Yellow	60-80	588-593	2.2-2.8	1.76-2.24			
	ESH-3WLPGC-GT	Pure Green	120-140	520-530	3.5-4.5	2.63-3.38			
10W	ESH-10WABC-GT	Blue	150-250	460-470	30-36	10.5-12.6		1.2	IF=350mA
	ESH-10WARC-GT	Red	300-500	620-630	20-26	10.4			IF=400mA
	ESH-10WAYC-GT	Yellow	400-500	588-593	20-26	10			IF=400mA
	ESH-10WLPGC-GT	Pure Green	700-800	520-530	30-36	10.5			IF=350mA
20W	ESH-20WABC-GT	Blue	300-500	460-470	30-36	21		0.6	IF=700mA
	ESH-20WARC-GT	Red	800-1000	620-630	20-26	20			IF=800mA
	ESH-20WAYC-GT	Yellow	800-1000	588-593	20-26	20			IF=800mA
	ESH-20WLPGC-GT	Pure Green	1400-1600	520-530	30-36	21			IF=700mA
50W	ESH-50WABC-GT	Blue	750-1250	460-470	30-36	52.5		0.24	IF=1750mA
	ESH-50WARC-GT	Red	2000-2500	620-630	20-26	50			IF=2000mA
	ESH-50WAYC-GT	Yellow	2000-2500	588-593	20-26	50			IF=2000mA
	ESH-50WLPGC-GT	Pure Green	3500-4000	520-530	30-36	52.5			IF=1750mA
100W	ESH-100WABC-GT	Blue	1500-2500	460-470	30-36	105		0.12	IF=3500mA
	ESH-100WARC-GT	Red	4000-5000	620-630	20-26	100			IF=4000mA
	ESH-100WAYC-GT	Yellow	4000-5000	588-593	20-26	100			IF=4000mA
	ESH-100WLPGC-GT	Pure Green	7000-8000	520-530	30-36	105			IF=3500mA
300W	ESH-300WABC-GT	Blue	4500-7500	460-470	45-54	315		0.04	IF=7000mA
	ESH-300WARC-GT	Red	12000-15000	620-630	30-39	300			IF=8000mA
	ESH-300WAYC-GT	Yellow	12000-15000	588-593	30-39	300			
	ESH-300WLPGC-GT	Pure Green	21000-24000	520-530	45-54	300			



Model	Size	Color	Power Dissipation	Reverse leakage	WLD λd (nm)	light	Color temperature	Light angle	Driving current
ESB-2320SURUWC	2.1×2.2	Red/White	Red :2.0-2.6 White:3.2-3.6	5	Red :620-630 White:450-465	Red :600-800mcd White:600-1000mcd	/	120	20mA
ESB-2320UYUWC-P-NC	2.1×2.2	Yellow/White	Yellow:2.0-2.6 White:3.2-3.6	5	Yellow:584-594 White:460-465	Yellow:150-300mcd White:100-150mcd	/	120	20mA
ESB-2320SUYC	2.1×2.2	Yellow	2.0-2.3	5	584-593	800-1000	/	35	20mA
ESB-2320SUGC	2.1×2.2	Green	3.1-3.3	5	520-522.5	1200-1800	/	35	20mA
ESB-2320SUWC	2.1×2.2	White	3.2-3.6	5	/	800-1200	9000-10000K	35	20mA
ESB-2320SURC	2.1×2.2	Red	2.0-2.3	5	618-625	1800	/	35	20mA

Note