



***Light Up Vision, Bright Your Life***

**HIGH  
POWER**

Features: 1. 3.5*3.5 mm package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (lm) IF=350 mA		Viewing Angle 2θ1/2
		Emitting Color	CCT(K)/WL		TYP	MAX	MIN	TYP	
	UE-H3535CW1-M2T2B-F2	○White	5710-6530K	Water Clear	2.8	3.4	120	140	120
	UE-H3535NW1-M2T2B-F3	○White	3710-4260K		2.8	3.4	90	110	120
	UE-H3535WW1-M2T2B-F	○White	2725-3045K		2.8	3.4	90	105	120
	UE-H3535NR1-M2T2B	●Red	/625	Water Clear	1.8	2.4	45	52	120
	UE-H3535NV1-M2T2B	●Red	/660	Water Clear	1.8	2.4	16	18	120
	UE-H3535PG1-M2T2B-Z	●Pure Green	/525	Water Clear	2.8	3.6	90	100	120
	UE-H3535RB1-M2T2B-Z	●Blue	/455	Water Clear	2.8	3.6	14	15	120
	UE-H3535NB1-M2T2B-Z	●Blue	/465	Water Clear	3.2	3.8	26	28	120
	UE-H3535NY1-M2T2B	●Yellow	/590	Water Clear	1.8	2.4	50	60	120



Features: 1. 3.5*3.5 mm RGB package 2. General purpose leads	Part Number	Chip		Lens Color	Vf (v)		Iv (lm) IF= mA		Viewing Angle 2θ1/2
		Emitting Color	CCT(K)/WL		TYP	MAX	MIN	TYP	
	UE-H3535XA1-M2T2B	●Red	/620	Water Clear	2.2	2.6	45	50	120
		●Pure Green	/525		3	3.6	70	75	
		●Blue	/465		3	3.6	18	22	



## LAMP

Features: 1. 3mm diameter package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle
		Emitting Color	$\lambda_p$ (nm)/ $\lambda_d$ (nm)		TYP	MAX	MIN	TYP	
	UE-LR300NW X-1XE-0A	White	-	Water Clear	3.3	4	4900	10000	30
	UE-LR300NW X-1XI-0A	White	-	Water Clear	3.1	3.5	5500	9300	50
	UE-L3145NY4-D2M5B-D	Yellow	590/587	Yellow Diffused	2.1	2.6	15	20	70
	UE-L3053NY1-D2E5B	Yellow	590/592	Water Clear	2.1	2.6	1400	1800	30
	UE-LR300YGX	Yellow Green	572/571	Water Clear	2.05	2.5	400	1000	22
	UE-L3045NRX-12D-3B	Red	630/625	Water Clear	2	2.4	4600	7000	25
	UE-L3053NR4-D2I5B	Red	635/625	Red Diffused	2	2.4	20	40	50



Features: 1. 3mm diameter package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle
		Emitting Color	$\lambda_p$ (nm)/ $\lambda_d$ (nm)		TYP	MAX	MIN	TYP	
	UE-LE300NRX-1XS-0A	Red	630/624	Water Clear	2	2.2	150	310	110
	UE-L3063NR4-D2R5B	Red	/625	Red Diffused	2	2.6	0.5	2.1	100
	UE-L3063YG4-D2R5B	Yellow Green	/570	Green Diffused	2.1	2.6	0.5	2.1	100
	UE-L3063NY4-D2R5B	Yellow	/590	Yellow Diffused	2.1	2.6	0.5	2.1	100
	UE-L3063NR4-D2R5B	Blue	/470	Blue Diffused	3.4	4	8	33	100



Features: 1. Dual chip diameter package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle
		Emitting Color	$\lambda_p$ (nm)/ $\lambda_d$ (nm)		TYP	MAX	MIN	TYP	
	UE-LR300DEX-22G	Ultra Yellow	590	White Diffused	2	2.4	-	130	40
		Yellow Green	570		2	2.4	-	120	
	UE-L5087DD2-D7P5B	Red	627	White Diffused	2	2.6	-	75	80
		Yellow Green	572		2	2.6	-	50	



Features: 1. 5mm diameter package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle
		Emitting Color	$\lambda_p$ (nm)/ $\lambda_d$ (nm)		TYP	MAX	MIN	TYP	
	UE-L5087NR4-D2G5B	Red	635/625	Red Diffused	2.2	2.6	200	350	40
	UE-L5086NR1-D2E5B	Red	635/625	Water Clear	2.1	2.6	5000	8500	30
	UE-L5086PG1-D2B5B-Z	Pure Green	525	Water Clear	3.2	3.5	17500	25000	20
	UE-L5086PG1-D2C5B	Pure Green	520	Water Clear	3.2	3.4	18000	24000	15
	UE-L5086PG1-D2E5B	Pure Green	525/527	Water Clear	3.2	3.5	10000	15000	30
	UE-L5087NB1-D2B5B	Blue	470/467	Water Clear	3.2	3.6	3000	5000	16
	UE-L5087NB1-D2D5B	Blue	470/467	Water Clear	3.2	3.6	2500	3200	25
	UE-L5087NY4-D2G5B	Yellow	590	Yellow Diffused	2.1	2.6	3200	4000	40
	UE-L5087YG4-D2H5B	Yellow Green	570/572	Green Diffused	2	2.4	150	260	45
	UE-L5087NW 1-D2B5B	White	X:0.33,Y:0.35	Water Clear	3.2	3.6	18000	22000	16
	UE-L5087NW 1-D2H5B	White	X:0.27,Y:0.26	Water Clear	3.2	3.4	3300	6000	45
	UE-L5087NW 1-D2K5B	White	X:0.27,Y:0.26	Water Clear	3.2	3.4	3300	5000	60
	UE-L5087IR3-D2G5B	Invisible	940	Blue	1.2	1.6	10(mW/sr)		40
	UE-L5086PT1-D2G5B	Phototransistors		Water Clear					40



Features: 1. 5mm diameter package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle 2θ1/2
		Emitting Color	λp (nm)/λd(nm)		TYP	MAX	MIN	TYP	
	UE-LE500NW X-1XS-1A	○White		Water Clear	3.3	3.8	1000	21000	115
	UE-L4650NR4-D2V5B	●Red	/625	Red Diffused	2	2.6	0.7	2.1	140
	UE-L4650YGX-D2V5B	●Yellow Green	/570	Green Diffused	2.1	2.6	0.7	2.1	140
	UE-L4650NYX-D2V5B	●Yellow	/590	Yellow Diffused	2.1	2.6	0.7	2.1	140
	UE-L4650NBX-D2V5B	●Blue	/470	Blue Diffused	3.4	4	10	35	140



Features: 1. 5*4 mm diameter package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle 2θ1/2
		Emitting Color	λp (nm)/λd(nm)		TYP	MAX	MIN	TYP	
	UE-L5270NR3-D2R5B	●Red	635/623	Red Transparent	2.1	2.6	4500	6000	100/55
	UE-L5270NR4-D2S5B	●Red	635/623	Red Diffused	2.1	2.6	3000	3500	110/60
	UE-L5270PG3-D2R5B	●Pure Green	525	Green Transparent	3.2	3.6	8000	10000	100/55
	UE-L5270PG4-D2S5B	●Pure Green	525	Green Diffused	3.2	3.6	4800	5500	110/60
	UE-L5270NB4-D2S5B	●Blue	470/467	Blue Diffused	3.2	3.6	1500	2000	110/60
	UE-L5270NY4-D2S5B	●Yellow	590	Yellow Diffused	2.1	2.6	2500	3000	110/60
	UE-L5270NW1-D2S5B	○White	X:29,Y:30	Water Clear	3.2	3.6	3300	4900	110/60
	UE-L5270NW2-D2R5B	○White	X:29,Y:30	Water Clear	3	3.4	2200	3300	100/50



Features: 1. 4.7mm Round Type With Housing LED Lamp 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle 2θ1/2
		Emitting Color	λp (nm)/λd(nm)		TYP	MAX	MIN	TYP	
	UE-D6060YG4-D2H5B	●Green	570/568	Green Diffused	2.2	2.6	25	30	45



Features: 1. 3.5*2.8 mm package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle 2θ1/2
		Emitting Color	λp (nm)/λd(nm)		TYP	MAX	MIN	TYP	
	UE-P3528NR1-D2T5A	● Red	/625	Water Clear	2.1	2.4	800	1100	120
	UE-P3528NV0-D2T2B	● Red	/660	Water Clear	1.9	2.6		210	120
	UE-P3528PG1-D2T5A	● Pure Green	/525	Water Clear	3.2	3.5	1400	1650	120
	UE-PT440NBX-10T-6A	● Blue	/470	White Diffused	3.2	3.6	280	360	120
	UE-P3528NW1-D2T5A	○ White		Diffused	3	3.3	2200	2500	120
	UE-P3528NY1-D2T5A	● Yellow	/590	Water Clear	2	2.4	700	950	120



Features: 1. 3.5*2.8 mm (4 PIN) package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF= 20 mA		Viewing Angle 2θ1/2
		Emitting Color	λp (nm)/λd(nm)		TYP	MAX	MIN	TYP	
	UE-P3528NY1-H4T5A	● Yellow	/590	Water Clear	2.1	2.4	1500	1750	120
	UE-P3528NW1-D4T5B	○ White		Diffused	3.2	3.6	1650	2050	120
	UE-P3528XA1-D4T5A	● Pure Green	/525	Water Clear	3.1	3.4	1400	1700	120
		● Blue	/470		3.1	3.4	140	225	
	UE-PT440DA-14T	● Red	/625	Water Clear	2	2.5	140	210	120
		● Blue	/470		3.2	4.2	140	210	



Features: 1. 4*1.4 mm (side view) package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle 2θ1/2
		Emitting Color	λp (nm)/λd(nm)		TYP	MAX	MIN	TYP	
	UE-PS335NBX-10T-5A	● Blue	/470	Water Clear	3.2	3.8	260	400	120
	UE-PS335PGX-10T-5A	● Pure Green	/525	Water Clear	3.2	3.8	450	600	120
	UE-PS335NWGX-10T-5A	○ White		Diffused	3.2	3.8	700	1000	120



Features: 1. 2.8*3.5 mm package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=150 mA		Viewing Angle 2θ1/2
		Emitting Color	λp (nm)/λd(nm)		TYP	MAX	MIN	TYP	
		UE-P2835NV1-K3T5A-64	●Red	/640	Water Clear	2.1	2.4	1800	2000
	UE-P2835NI1-K3T5A	●Red	730/	Water Clear	2.1	2.4	10	35	120
	UE-P2835PG1-H2T7E	●Pure Green	525/533	Water Clear	3	3.4		4500	120
	UE-P2835RB1-K3T5A-455	●Blue	/455	Water Clear	3.2	3.4	1400	1700	120
	UE-P2835NW1-K2T5A	○White		Diffused	3.4	3.8	10000	15000	120



Features: 1. 5.0*5.0 mm package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=150 mA		Viewing Angle 2θ1/2
		Emitting Color	λp (nm)/λd(nm)		TYP	MAX	MIN	TYP	
		UE-P5050NW1-H6T5A-TR	○White	6000K	Diffused	3.1	3.4	6000	7500
	UE-P5050YW1-H6T5A-TR	○White	4000K	Diffused	3.1	3.4	5000	7500	120
	UE-P5050WW1-H6T5A-TR	○White	3000K	Diffused	3.1	3.4	5000	7500	120
	UE-P5050NW4-D6T2B	○White	6000K	Diffused	3.2	3.6	6000	6900	120



SMD

Features: 1. 3.2*1.6 mm (1206)package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle
		Emitting Color	$\lambda_p$ (nm)/ $\lambda_d$ (nm)		TYP	MAX	MIN	TYP	2 $\theta$ 1/2
	UE-ST150UR1-D2V7E	● Red	630/625	Water Clear	2.1	2.6		285	140
	UE-ST150NR1-D2U7E	● Red	645/632	Water Clear	2.1	2.6	42	72	140
	UE-ST150NV1-D2V7E	● Red	660/643	Water Clear	2.2	2.6	7.2	11.5	140
	UE-ST150NY1-D2V7E	● Yellow	583/586	Water Clear	2.2	2.6	3.6	7.2	140
	UE-ST150YG1-D2V7E	● Yellow Green	568/573	Water Clear	2.3	2.6	5.1	9	140
	UE-ST150PGX-10V-1A	● Pure Green	523/524	Water Clear	3.3	3.5	145	285	140
	UE-ST150NBX-10V-1A	● Blue	468/468	Water Clear	3.3	3.6	36	57	140
	UE-ST150NWx-10V-1A	○ White		Water Clear	3.3	3.5	225	435	140



Features: 1. 2*1.25 mm (0805)package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle
		Emitting Color	$\lambda_p$ (nm)/ $\lambda_d$ (nm)		TYP	MAX	MIN	TYP	2 $\theta$ 1/2
	UE-ST170PG1-D2U7E	● Pure Green	523/524	Water Clear	3.3	3.5		285	130
	UE-ST170NY1-10T	● Yellow	595/591	Water Clear	2.1	2.6	45	72	130
	UE-ST172NWx-40U-1A	○ White		White Diffused	3.3	3.5	225	435	130
	UE-ST170NR1-D2U7E	● Red	645/632	Water Clear	2.1	2.6	45	72	140
	UE-ST172NYx-10U-1A	● Yellow	595/591	Water Clear	2.1	2.6	45	72	130
	UE-ST170NB1-D2U7E	● Blue	468	Water Clear	3.3	4.2		45	130
	UE-ST172YGx-10U-1A	● Yellow Green	570/572	Water Clear	2.1	2.4	15	65	130



Features: 1. 1.6*0.8 mm (0603)package 2. General purpose leads 3. Pb-free 4. ROHS	Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle
		Emitting Color	$\lambda_p$ (nm)/ $\lambda_d$ (nm)		TYP	MAX	MIN	TYP	2 $\theta$ 1/2
	UE-ST190NRx-10U-1A	● Red	630/626	Water Clear	2.1	2.6	45	72	130
	UE-ST190NOx-10U-1A	● Amber	610/605	Water Clear	2.1	2.6	57	90	130
	UE-ST190NYx-10U-1A	● Yellow	592/590	Water Clear	2.1	2.6	45	72	130
	UE-ST190YGx-10U-1A	● Yellow Green	575/573	Water Clear	2.2	2.6	22.5	36	130
	UE-ST191NRx-10U-1A	● Red	645/632	Water Clear	2.1	2.6	45	72	130
	UE-ST191PGx-10U-1A	● Pure Green	525/525	Water Clear	3.3	3.5	180	285	130
	UE-ST191NBx-10U-1A	● Blue	468/465	Water Clear	3.3	3.5	36	57	130
	UE-ST191NOx-10U-1A	● Amber	610/606	Water Clear	2.1	2.6	72	115	130
	UE-ST191YGx-10U-1A	● Yellow Green	575/573	Water Clear	2.2	2.6	14.5	28.5	130
	UE-ST192PGx-10U-1A	● Pure Green	523/529	Water Clear	3.3	4.2	182	288	130
	UE-ST192PG1-10T	● Pure Green	525	Water Clear	3.2	3.5		500	130



**SMD**

<b>Features:</b> 1. 3.2*1.0 mm package 2. General purpose leads 3. Pb-free 4. ROHS		Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle
			Emitting Color	$\lambda_p$ (nm)/ $\lambda_d$ (nm)		TYP	MAX	MIN	TYP	
		UE-S3210XA1-D4Z2A	● Red	615	Water Clear	2.1	2.4	60		140
			● Pure Green	520		3.2	3.6			
			● Blue	465		3.2	3.6			
		UE-S3210DD1-D3S7E	● Red	631	Water Clear	2.1	2.6	60		140
			● Yellow Green	572		2.2	2.6			

<b>Features:</b> 1. 3.2*2.7 mm package 2. General purpose leads 3. Pb-free 4. ROHS		Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle
			Emitting Color	$\lambda_p$ (nm)/ $\lambda_d$ (nm)		TYP	MAX	MIN	TYP	
		UE-S3227DD1-D4T7E	● Red	631	Water Clear	2.1	2.6	72	45	140
			● Yellow Green	572		2.1	2.6			

<b>Features:</b> 1. 3.2*2.4 mm package 2. General purpose leads 3. Pb-free 4. ROHS		Part Number	Chip		Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle
			Emitting Color	$\lambda_p$ (nm)/ $\lambda_d$ (nm)		TYP	MAX	MIN	TYP	
		UE-S3224YG1-D2C7E	● Yellow Green	575/573	Water Clear	2	2.4	220	450	20