

## DILU TECHNOLOGY (SHENZHEN) CO LTD

No.53th,Xinfeng Industry Area,Xintian Valley,Guanlan Town,Baoan District,Shenzhen,China  
Tel: 86 755 61100786 Fax: 86 755 61675804 Http://www.diluled.com Email: sales@diluled.com

### MODEL COMPARISON - LOW POWER LED (SUPER BRIGHTNESS)


Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>3mm Round with Flange LED - D30RFX</b>											
	Red	D30RFR	AlGaInP	Water Clear	1.7	2.5	620	635	800	1200	15°	Viewing Angle and Intensity can be customized as request
	Yellow	D30RFY	AlGaInP	Water Clear	1.7	2.5	585	595	800	1200	15°	
	Blue	D30RFB	InGaN	Water Clear	2.8	3.4	460	475	800	1200	15°	
	Green	D30RFG	InGaN	Water Clear	2.8	3.4	510	525	2000	3000	15°	
	White	D30RFW	InGaN	Water Clear	2.8	3.4	/	/	3000	4000	15°	
Warm White	D30RFWW	InGaN	Water Clear	2.8	3.4	/	/	3000	4000	15°		


Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>3mm Round without Flange LED - D30RNFX</b>											
	Red	D30RNFR	AlGaInP	Water Clear	1.7	2.5	620	635	800	1200	15°	Viewing Angle and Intensity can be customized as request
	Yellow	D30RNFY	AlGaInP	Water Clear	1.7	2.5	585	595	800	1200	15°	
	Blue	D30RNFB	InGaN	Water Clear	2.8	3.4	460	475	800	1200	15°	
	Green	D30RNFG	InGaN	Water Clear	2.8	3.4	510	525	2000	3000	15°	
	White	D30RNFW	InGaN	Water Clear	2.8	3.4	/	/	3000	4000	15°	
Warm White	D30RNFWW	InGaN	Water Clear	2.8	3.4	/	/	3000	4000	15°		

Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		


	<b>2*3*4mm Square LED - D234SQX</b>											
	Red	D234SQR	AlGaInP	Water Clear	1.7	2.5	620	635	100	300	110°	Viewing Angle and Intensity can be customized as request
	Yellow	D234SQY	AlGaInP	Water Clear	1.7	2.5	585	595	100	300	110°	
	Blue	D234SQB	InGaN	Water Clear	2.8	3.4	460	475	100	250	110°	
	Green	D234SQG	InGaN	Water Clear	2.8	3.4	510	525	500	800	110°	
	White	D234SQW	InGaN	Water Clear	2.8	3.4	/	/	600	900	110°	
Warm White	D234SQWW	InGaN	Water Clear	2.8	3.4	/	/	500	800	110°		


Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>5mm Round with Flange LED - D50RFX</b>											
	Red	D50RFR	AlGaInP	Water Clear	1.7	2.5	620	635	3000	5000	15°	Viewing Angle and Intensity can be customized as request
	Yellow	D50RFY	AlGaInP	Water Clear	1.7	2.5	585	595	3000	5000	15°	
	Blue	D50RFB	InGaN	Water Clear	2.8	3.4	460	475	3000	5000	15°	
	Green	D50RFG	InGaN	Water Clear	2.8	3.4	510	525	10000	15000	15°	
	White	D50RFW	InGaN	Water Clear	2.8	3.4	/	/	10000	15000	15°	
Warm White	D50RFWW	InGaN	Water Clear	2.8	3.4	/	/	10000	15000	15°		


Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>5mm Round without Flange LED - D50RNFX</b>											
	Red	D50RNFR	AlGaInP	Water Clear	1.7	2.5	620	635	3000	5000	15°	Viewing Angle and Intensity can be customized as request
	Yellow	D50RNFY	AlGaInP	Water Clear	1.7	2.5	585	595	3000	5000	15°	
	Blue	D50RNFB	InGaN	Water Clear	2.8	3.4	460	475	3000	5000	15°	
	Green	D50RNFG	InGaN	Water Clear	2.8	3.4	510	525	10000	15000	15°	
	White	D50RNFW	InGaN	Water Clear	2.8	3.4	/	/	10000	15000	15°	
Warm White	D50RNFWW	InGaN	Water Clear	2.8	3.4	/	/	10000	15000	15°		


Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>5mm Strawhat with Flange LED - D50STFX</b>											
	Red	D50STFR	AlGaInP	Water Clear	1.7	2.5	620	635	200	300	100°	Viewing Angle and Intensity can be customized as request
	Yellow	D50STFY	AlGaInP	Water Clear	1.7	2.5	585	595	200	300	100°	
	Blue	D50STFB	InGaN	Water Clear	2.8	3.4	460	475	250	350	100°	
	Green	D50STFG	InGaN	Water Clear	2.8	3.4	510	525	700	800	100°	
	White	D50STFW	InGaN	Water Clear	2.8	3.4	/	/	1700	2000	100°	
Warm White	D50STFWW	InGaN	Water Clear	2.8	3.4	/	/	1700	2000	100°		



Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>5mm Helmet with Flange LED - D50HEFX</b>											
	Red	D50HEFR	AlGaInP	Water Clear	1.7	2.5	620	635	150	250	120°	Viewing Angle and Intensity can be customized as request
	Yellow	D50HEFY	AlGaInP	Water Clear	1.7	2.5	585	595	150	250	120°	
	Blue	D50HEFB	InGaN	Water Clear	2.8	3.4	460	475	200	300	120°	
	Green	D50HEFG	InGaN	Water Clear	2.8	3.4	510	525	500	600	120°	
	White	D50HEFW	InGaN	Water Clear	2.8	3.4	/	/	1500	1800	120°	
Warm White	D50HEFWW	InGaN	Water Clear	2.8	3.4	/	/	1500	1800	120°		

Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>5mm Columniform Concave with Flange LED - D50CCFX</b>											
	Red	D50CCFR	AlGaInP	Water Clear	1.7	2.5	620	635	150	250	130°	Viewing Angle and Intensity can be customized as request
	Yellow	D50CCFY	AlGaInP	Water Clear	1.7	2.5	585	595	150	250	130°	

	Blue	D50CCFB	InGaN	Water Clear	2.8	3.4	460	475	200	300	130°	Viewing Angle and Intensity can be customized as request
	Green	D50CCFG	InGaN	Water Clear	2.8	3.4	510	525	500	600	130°	
	White	D50CCFW	InGaN	Water Clear	2.8	3.4	/	/	1500	1800	130°	
	Warm White	D50CCFWW	InGaN	Water Clear	2.8	3.4	/	/	1500	1800	130°	


Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>5mm Columniform Flat with Flange LED - D50CFFX</b>											
	Red	D50CFFR	AlGaInP	Water Clear	1.7	2.5	620	635	200	300	100°	Viewing Angle and Intensity can be customized as request
	Yellow	D50CFFY	AlGaInP	Water Clear	1.7	2.5	585	595	200	300	100°	
	Blue	D50CFFB	InGaN	Water Clear	2.8	3.4	460	475	250	350	100°	
	Green	D50CFFG	InGaN	Water Clear	2.8	3.4	510	525	700	800	100°	
	White	D50CFFW	InGaN	Water Clear	2.8	3.4	/	/	1700	2000	100°	
Warm White	D50CFFWW	InGaN	Water Clear	2.8	3.4	/	/	1700	2000	100°		


Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>5mm Bullet with Flange LED - D50BUFY</b>											
	Red	D50BUFR	AlGaInP	Water Clear	1.7	2.5	620	635	4000	6000	10°	Viewing Angle and Intensity can be customized as request
	Yellow	D50BUFY	AlGaInP	Water Clear	1.7	2.5	585	595	4000	6000	10°	
	Blue	D50BUFB	InGaN	Water Clear	2.8	3.4	460	475	4000	6000	10°	
	Green	D50BUFG	InGaN	Water Clear	2.8	3.4	510	525	12000	17000	10°	
	White	D50BUFW	InGaN	Water Clear	2.8	3.4	/	/	12000	17000	10°	
Warm White	D50BUFWW	InGaN	Water Clear	2.8	3.4	/	/	12000	17000	10°		

Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			


					Min	Max	Min	Max	Min	Max	(deg)	
	<b>5mm Oval without Flange LED - D50OVDNFX</b>											
	Red	D50OVDNFR	AlGaInP	Diffused	1.7	2.5	620	635	600	700	90°	Viewing Angle and Intensity can be customized as request
	Yellow	D50OVDNFY	AlGaInP	Diffused	1.7	2.5	585	595	600	700	90°	
	Blue	D50OVDNFB	InGaN	Diffused	2.8	3.4	460	475	500	650	90°	
	Green	D50OVDNFG	InGaN	Diffused	2.8	3.4	510	525	1500	2500	90°	
	White	D50OVDNFW	InGaN	Diffused	2.8	3.4	/	/	2000	2800	90°	
Warm White	D50OVDNFWW	InGaN	Diffused	2.8	3.4	/	/	1500	2000	90°		



Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>2*3*4mm Square without Flange LED - D234SQDNFX</b>											
	Red	D234SQDNFR	AlGaInP	Diffused	1.7	2.5	620	635	100	200	90°	Viewing Angle and Intensity can be customized as request
	Yellow	D234SQDNFY	AlGaInP	Diffused	1.7	2.5	585	595	100	200	90°	
	Blue	D234SQDNFB	InGaN	Diffused	2.8	3.4	460	475	120	250	90°	
	Green	D234SQDNFG	InGaN	Diffused	2.8	3.4	510	525	200	350	90°	
	White	D234SQDNFW	InGaN	Diffused	2.8	3.4	/	/	200	350	90°	
Warm White	D234SQDNFWW	InGaN	Diffused	2.8	3.4	/	/	200	350	90°		

Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>10mm Round without Flange LED - D100RNFX</b>											
	Red	D100RNFR	AlGaInP	Water Clear	1.7	2.5	620	635	2000	2500	30°	Viewing Angle and Intensity can be customized as request
	Yellow	D100RNFY	AlGaInP	Water Clear	1.7	2.5	585	595	2000	2500	30°	
	Blue	D100RNFB	InGaN	Water Clear	2.8	3.4	460	475	2000	2500	30°	
	Green	D100RNFG	InGaN	Water Clear	2.8	3.4	510	525	8000	10000	30°	
White	D100RNFW	InGaN	Water Clear	2.8	3.4	/	/	10000	12000	30°		

	Warm White	D100RNFWW	InGaN	Water Clear	2.8	3.4	/	/	10000	12000	30°	
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Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>3mm Super Flux LED - D30SFAX</b>											
	Red	D30SFAR	AlGaInP	Water Clear	1.7	2.5	620	635	1000	1500	100°	Viewing Angle and Intensity can be customized as request
	Yellow	D30SFAY	AlGaInP	Water Clear	1.7	2.5	585	595	1000	1500	100°	
	Blue	D30SFAB	InGaN	Water Clear	2.8	3.4	460	475	1000	1500	100°	
	Green	D30SFAG	InGaN	Water Clear	2.8	3.4	510	525	2500	3500	100°	
	White	D30SFAW	InGaN	Water Clear	2.8	3.4	/	/	2500	3500	100°	
Warm White	D30SFAWW	InGaN	Water Clear	2.8	3.4	/	/	2500	3500	100°		

Photo	Color	Item No	Chip Material	Lens Type	VF (V)		WL(nm)		IV (mcd)		Viewing Angle (deg)	Remark
					IF=20mA		IF= 20mA		IF= 20mA			
					Min	Max	Min	Max	Min	Max		
	<b>5mm Super Flux LED - D50SFAX</b>											
	Red	D50SFAR	AlGaInP	Water Clear	1.7	2.5	620	635	1200	1700	90°	Viewing Angle and Intensity can be customized as request
	Yellow	D50SFAY	AlGaInP	Water Clear	1.7	2.5	585	595	1200	1700	90°	
	Blue	D50SFAB	InGaN	Water Clear	2.8	3.4	460	475	1200	1700	90°	
	Green	D50SFAG	InGaN	Water Clear	2.8	3.4	510	525	3000	4000	90°	
	White	D50SFAW	InGaN	Water Clear	2.8	3.4	/	/	3000	4000	90°	
Warm White	D50SFAWW	InGaN	Water Clear	2.8	3.4	/	/	3000	4000	90°		

**Note:** we do not contain all types in the list, for more information please contact us at [sales@diluled.com](mailto:sales@diluled.com) . Our staff will reply you within 12 hrs.

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