

# LITE-ON Thru-Hole LEDs



This product is RoHS compliant.



LED Indication

## STANDARD LEDS

## STANDARD LEDS (CONT.)

For quantities greater than listed, call for quote.

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MOUSER STOCK NO.		Pkg.	Color		Peak Wave length (nm)	Lumin. Intensity (typ.)	Fwd. Volt (typ.)	View Angle (°)	Price Each		
Mfr.	Mfr. Part No.		Source	Lens					1	10	100
859—LTL-4291		3mm	Orange	Diff.	630	12.6	2	40	.08	.073	.058
859—LTL-4291N		3mm	Orange	Diff.	630	8.7	2	60	.08	.073	.058
859—LTL-4296N		3mm	Orange	Clear	630	29	2	45	.08	.073	.058
859—LTL1CHKFKNN		3mm	Orange	Clear	611	320	2.05	45	.10	.095	.074
859—LTL-1CHA		3mm	Amber	Diff.	610	12.6	2.1	60	.08	.073	.058
859—LTL-1CHAE		3mm	Amber	Trans.	610	29	2.1	45	.08	.073	.058
859—LTL1CHKSKNN		3mm	Amb/Yw	Clear	598	320	2.05	45	.12	.108	.083
859—LTL1CHKYK		3mm	Amb/Yw	Clear	595	320	2.05	45	.12	.108	.083
859—LTL1CHKYKNN		3mm	Amb/Yw	Clear	595	320	2.05	45	.12	.108	.083
859—LTL-4251N		3mm	Yellow	Diff.	588	5.6	2.1	60	.08	.073	.058
859—LTL-4251NLC		3mm	Yellow	Diff.	585	1.1	1.8	60	.13	.115	.098
859—LTL-1CHY		3mm	Yellow	Diff.	585	8.7	2.1	60	.08	.073	.058
859—LTL-4251		3mm	Yellow	Diff.	585	8.7	2.1	40	.08	.073	.058
859—LTL-4252		3mm	Yellow	Trans.	585	19	2.1	20	.08	.073	.058
859—LTL-4252N		3mm	Yellow	Trans.	585	19	2.1	45	.08	.073	.058
859—LTL-4256N		3mm	Yellow	Clear	585	19	2.1	45	.08	.073	.058
859—LTL-1CHYE		3mm	Yellow	Trans.	585	40	2.1	45	.08	.073	.058
859—LTL1CHKGKNN		3mm	Ylw-Grn	Clear	575	310	2.1	45	.13	.113	.095
859—LTL-4231N		3mm	Ylw-Grn	Diff.	572	12.6	2.1	60	.10	.09	.072
859—LTL-1CHG		3mm	Ylw-Grn	Diff.	565	12.6	2.1	60	.08	.073	.058
859—LTL-4231NLC		3mm	Green	Diff.	565	1.1	1.9	60	.13	.115	.098
859—LTL-4231N-1		3mm	Green	Diff.	565	5.6	2.1	60	.08	.073	.058
859—LTL-4231		3mm	Green	Diff.	565	12.6	2.1	40	.10	.09	.072
859—LTL-1CHGE		3mm	Green	Trans.	565	40	2.1	45	.08	.073	.058
859—LTL-4236N		3mm	Green	Clear	565	40	2.1	45	.08	.073	.058
859—LTL-4232		3mm	Green	Trans.	565	40	2.1	20	.08	.073	.058
859—LTL-4232N		3mm	Green	Trans.	565	40	2.1	45	.08	.073	.058
859—LTL42TG6N		3mm	Green	Clear	525	1500	3.5	45	.87	.78	.619
859—LTL1CHTBK4		3mm	Blue	Clear	468	680	3.5	30	.68	.61	.492
859—LTL42UB6N		3mm	Blue	Clear	428/568	60	3.8/2.1	45	.77	.685	.55
859—LTL1BEKVJNN		3mm	Red/Grn	Diff.	639/575	110	2.0/2.05	45	.17	.149	.116
859—LTL-1BEHJ		3mm	RedOrg/ Green	Diff.	630/565	19	2.0/2.1	75	.22	.199	.158
859—LTLW-42NC5		3mm	White	Clear	-	1100	3.5	45	1.21	1.08	.864
859—LTLW-420C5		3mm	White	Clear	-	2600	3.6	25	1.21	1.08	.864
859—LTL-4213		5mm	Red	Diff.	697	3.7	2.1	36	.08	.073	.058
859—LTL-307P		5mm	Red	Diff.	697	5.6	2.1	50	.08	.073	.058
859—LTL-307PE		5mm	Red	Trans.	697	8.7	2.1	40	.08	.073	.058
859—LTL-353CKR-H4		5mm	Red	Clear	660	1000	1.8	12	.24	.22	.176
859—LTL2R3KRK		5mm	Red	Clear	639	500	2	30	.12	.108	.083
859—LTL2P3KRK		5mm	Red	Clear	639	800	2	22	.12	.108	.083
859—LTL307VRKNN		5mm	Red	Clear	639	1150	1.9	40	.41	.367	.293
859—LTL2H3KRK		5mm	Red	Clear	639	1300	2	15	.12	.108	.083
859—LTL353QRKNN		5mm	Red	Clear	639	4200	1.9	12	.23	.20	.165
859—LTL-307ELC		5mm	Red	Diff.	635	3.7	1.7	50	.21	.188	.155
859—LTL-4223		5mm	Red	Diff.	635	19	2	36	.08	.073	.058
859—LTL-307EE		5mm	Red	Trans.	635	90	2	40	.08	.073	.058
859—LTL-4224		5mm	Red	Trans.	635	90	2	16	.08	.073	.058
859—LTL81HKEKNN		5mm	Red	Clear	632	65	2.05	130	.14	.125	.10
859—LTL2R3KEK		5mm	Red	Clear	632	700	2.05	30	.12	.108	.083
859—LTL2R3VEKNT		5mm	Red	Clear	632	1200	2	30	.27	.245	.194
859—LTL2H3KEK		5mm	Red	Clear	632	1700	2.05	15	.12	.108	.083
859—LTL2H3VEKNT		5mm	Red	Clear	632	3100	2	15	.29	.267	.208
859—LTL2F3VEKNT		5mm	Red	Clear	632	7200	2	8	.29	.267	.208
859—LTL-4293		5mm	Orange	Diff.	630	29	2	36	.08	.073	.058
859—LTL-307E		5mm	Red	Diff.	623	19	2	50	.08	.073	.058
859—LTL-307A		5mm	Amber	Diff.	610	29	2.1	50	.08	.073	.058
859—LTL-4273		5mm	Amber	Diff.	600	19	2.1	36	.08	.073	.058
859—LTL2R3KYK		5mm	Yellow	Clear	595	700	2.05	30	.12	.108	.083
859—LTL-307YE		5mm	Yellow	Trans.	590	40	2.1	40	.08	.073	.058
859—LTL-307Y		5mm	Yellow	Diff.	588	29	2.1	50	.08	.073	.058
859—LTL2R3KSK		5mm	Yellow	Clear	588	700	2.05	30	.12	.108	.083
859—LTL2H3KSK		5mm	Yellow	Clear	588	1700	2.05	15	.12	.108	.083
859—LTL-307YLC		5mm	Yellow	Diff.	585	3.7	1.8	50	.21	.188	.155
859—LTL-4253		5mm	Yellow	Diff.	585	19	2.1	36	.08	.073	.058
859—LTL-4254		5mm	Yellow	Trans.	585	90	2.1	16	.08	.073	.058
859—LTL2R3KG		5mm	Green	Diff.	574	150	2.1	40	.14	.125	.10
859—LTL2P3KGKNN		5mm	Green	Clear	574	980	2.1	22	.14	.125	.10
859—LTL-307GE		5mm	Ylw-Grn	Trans.	569	60	2.1	40	.08	.073	.058
859—LTL-307GLC		5mm	Green	Diff.	565	3.7	1.9	50	.08	.073	.058
859—LTL-4238		5mm	Green	Clear	565	16	2.1	90	.08	.073	.058
859—LTL-4233		5mm	Green	Diff.	565	19	2.1	36	.08	.073	.058
859—LTL-307G		5mm	Ylw-Grn	Diff.	565	19	2.1	50	.08	.073	.058
859—LTL-4234		5mm	Green	Trans.	565	60	2.1	16	.08	.073	.054

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Mfr.	Mfr. Part No.		Source	Lens					1	10	100
859—LTL2T3TGK6		5mm	Green	Clear	530	2500	3.5	30	.87	.865	.687
859—LTL2R3TGK		5mm	Green	Clear	525	4000	3.5	20	.87	.78	.619
859—LTL2P3TBK5		5mm	Blue	Clear	468	1900	3.5	15	.78	.70	.558
859—LTL-30EFJ		5mm	Red/ Green	Diff.	697/565	5.6/19	2.1	30	.33	.293	.234
859—LTL-30EHJ		5mm	Red/ YlwGrn	Diff.	621/569	40/29	2.0/2.1	30	.33	.293	.234
859—LTL-30EDJ		5mm	Yellow/ Green	Diff.	588/569	29	2.1	30	.33	.293	.234
859—LTLW-2R3D7		5mm	White	Clear	-	4200	3.4	35	.39	.345	.278
859—LTLW-2S3D7		5mm	White	Clear	-	13000	3.3	15	.39	.345	.278

## HIGH FLUX PIRANHA SERIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Pkg.	Color		Peak Wave length (nm)	Lumin. Intensity (typ.)	Fwd. Volt (typ.)	View Angle (°)	Price Each		
Mfr.	Mfr. Part No.		Source	Lens					1	10	100
859—LTL911VRKSA		DIP-4	Red	Clear	639	0.6	2.15	70	.39	.345	.278
859—LTL911VEKSA		DIP-4	Red	Clear	632	0.6	2.15	70	.39	.345	.278
859—LTL911VHKSA		DIP-4	RedOrg	Clear	624	0.6	2.15	70	.39	.345	.278
859—LTL912CGKS7		DIP-4	Green	Clear	518	0.9	4.3	45	1.73	1.54	1.23
859—LTL912CBKS5		DIP-4	Blue	Clear	465	0.9	4.3	45	1.51	1.35	1.07

## RECTANGULAR LEDS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Pkg.	Color		Peak Wave length (nm)	Lumin. Intensity (typ.)	Fwd. Volt (typ.)	View Angle (°)	Price Each		
Mfr.	Mfr. Part No.		Source	Lens					1	10	100
859—LTL911VEKSA		7.1mm	Red	Clear	632	0.6	2.15	70	.39	.345	.278
859—LTL-403P		2X4mm	Red	Diff.	697	1.1	2.1	104	.13	.117	.092
859—LTL-403HR		2X4mm	Red	Diff.	635	2.6	2	104	.11	.099	.076
859—LTL-403Y		2X4mm	Yellow	Diff.	588	2.5	2.1	104	.11	.099	.076
859—LTL-403G		2X4mm	Green	Diff.	565	2.6	2.1	104	.11	.099	.076
859—LTL-433P		2X5mm	Red	Diff.	697	1.1	2.1	140	.13	.117	.092
859—LTL-433HR		2X5mm	Red	Diff.	635	3.7	2	140	.11	.099	.076
859—LTL-433Y		2X5mm	Yellow	Diff.	585	3.7	2.1	140	.11	.099	.076
859—LTL-433G		2X5mm	Green	Diff.	565	3.7	2.1	140	.11	.099	.076
859—LTL-40CHJ		4X2mm	Orange/ Green	Diff.	630/565	5.6	2.1	140	.35	.317	.25

## INFRARED EMITTERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Pkg.	Lens Color	Peak Wave length (nm)	View Angle	Max Fwd Volt	Max Power Output (mW)	Price Each		
Mfr.	Mfr. Part No.							1	10	100
859—LTE-302-M		Side Look	Clear	940	40	1.6	75	.22	.20	.16
859—LTE-3271B		5mm	Clear	940	50	1.6	150	.36	.327	.262
859—LTE-3271BL		5mm	Trans.	940	50	1.6	150	.36	.327	.262

## INFRARED RECEIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Pkg.	Lens Color	View Angle	VCEO	Rise Fall	Max Power (mW)	Ic(on)/Is	Price Each		
Mfr.	Mfr. Part No.								1	10	100
859—LTR-209		3mm	Clear	8	30	10/15	100	0.8	.32	.28	.228
859—LTR-4206		3mm	Clear	10	30	10/10	100	0.8	.14	.123	.096
859—LTR-4206E		3mm	Filtered	10	30	10/10	100	0.8	.14	.123	.096
859—LTR-3208		5mm	Clear	10	30	10/15	100	0.8	.21	.192	.148