







SUPER BRIGHT LEDs

Outline Number Lens Shape ACTUAL SIZE	Part Number	Lens Color	Chip Color	Peak Emission Wave-length (nm)	Maximum Ratings (Ta=25°C)					Electrical and Optical Characteristic (Ta=25°C)							
					IF (mA)	VR (V)	PD (mW)	Topr (°C)	Tstg (°C)	VF (V)		IR (μA)		Iv (mcd)			
										Typ	Max	Max	VR(V)	Typ	IF(mA)		
 T-1	OLSR-163	CLEAR LIGHT RED	RED	635	25	4	70	-20	-30	2.1	2.8	20	100	4	50	20	
	OLSR-164	DIFFUSED LIGHT RED						75	100						20	20	20
	OLSG-163	CLEAR LIGHT GREEN	GREEN	565	25	4	70	-20	-30	2.1	2.8	20	5	4	30	20	
	OLSG-164	DIFFUSED LIGHT GREEN						75	100						20	15	20
	OLSY-163	CLEAR LIGHT YELLOW	YELLOW	585	25	4	70	-20	-30	2.1	2.8	20	100	4	30	20	
	OLSY-164	DIFFUSED LIGHT YELLOW						75	100						20	15	20
	OLSO-163	CLEAR LIGHT ORANGE	ORANGE	610	25	4	70	-20	-30	2.1	2.8	20	100	4	30	20	
	OLSO-164	DIFFUSED LIGHT ORANGE						75	100						20	15	20
 T-1 WIDE VIEWING ANGLE	OLSR-123	CLEAR RED	RED	635	25	4	70	-20	-30	2.1	2.8	20	100	4	20	20	
	OLSR-124	DIFFUSED RED						75	100						20	15	20
 T-1 3/4 LOW PROFILE	OLSR-140*	CLEAR CLEAR	RED	635	25	4	70	-20	-30	2.1	2.8	20	100	4	100	20	
	OLSR-143	CLEAR RED						75	100						20	50	20
	OLSR-144	DIFFUSED RED						40	20								
	OLSG-143	CLEAR GREEN	GREEN	565	25	4	70	-20	-30	2.1	2.8	20	5	4	60	20	
	OLSG-144	DIFFUSED GREEN						75	100						20	30	20
	OLSY-143	CLEAR YELLOW	YELLOW	585	25	4	70	-20	-30	2.1	2.8	20	100	4	60	20	
	OLSY-144	DIFFUSED YELLOW						75	100						20	30	20
	 T-1 3/4	OLSR-153	CLEAR LIGHT RED	RED	635	25	4	70	-20	-30	2.1	2.8	20	100	4	100	20
OLSR-154		DIFFUSED LIGHT RED	75						100	20						50	20
OLSG-153		CLEAR LIGHT GREEN	GREEN	565	25	4	70	-20	-30	2.1	2.8	20	5	4	60	20	
OLSG-154		DIFFUSED LIGHT GREEN						75	100						20	30	20
OLSY-153		CLEAR LIGHT YELLOW	YELLOW	585	25	4	70	-20	-30	2.1	2.8	20	100	4	60	20	
OLSY-154		DIFFUSED LIGHT YELLOW						75	100						20	30	20
OLSO-153		CLEAR LIGHT ORANGE	ORANGE	610	25	4	70	-20	-30	2.1	2.8	20	100	4	60	20	
OLSO-154		DIFFUSED LIGHT ORANGE						75	100						20	30	20
OLSR-150*	CLEAR CLEAR	RED	635	25	4	70	-20 ~75	-30 ~100	2.1	2.8	20	100	4	120	20		
 T-1 3/4 WIDE VIEWING ANGLE	OLSR-113	CLEAR RED	RED	635	25	4	70	-20	-30	2.1	2.8	20	100	4	40	20	
	OLSR-114	DIFFUSED RED						70	100						20	20	20
 T-1 3/4 TWO COLOR	OLSRG-116	MILKY WHITE	RED	635	25	4	75	-20	-30	2.1	2.8	20	100	4	7.5	20	
		GREEN	565	75				100	5						20		
	OLSYG-116	MILKY LIGHT YELLOW	YELLOW	585	25	4	75	-20	-30	2.1	2.8	20	100	4	5	20	
		GREEN	565	75				100	5						20		
OLSOG-116	MILKY LIGHT GREEN	ORANGE	610	25	4	75	-20	-30	2.1	2.8	20	100	4	5	20		
GREEN	565	75	100				5	20									

*consult factory for availability.